# SECOMP

# CATALOG 2020/2021

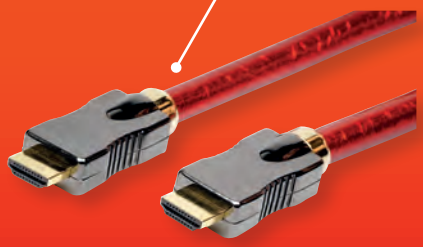


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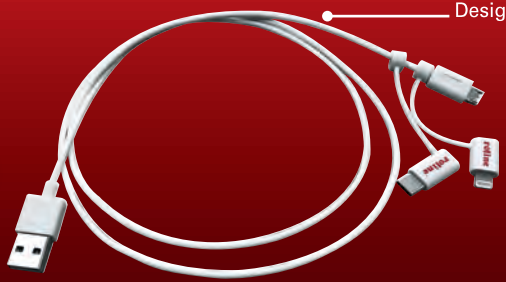
Value®

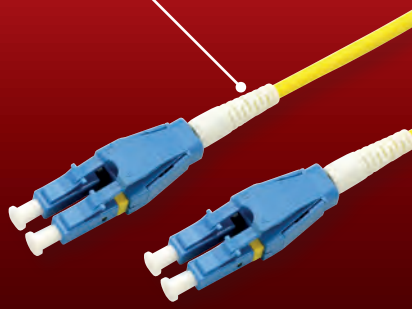


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**IT–Accessories | Network Components | Office Equipment**

**www.secomp.nl**

SECOMP

Catalog 2020/2021

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# THE QUALITY LINE




## PROFESSIONAL PRODUCTS FOR PROFESSIONAL USERS

- ROLINE Brand Packings with EAN-Code and 6-Language-Stickers
- Methodical Quality Inspections for all Products
- 2 Years Warranty for all ROLINE Products
- Free Marketing and Technical Support
- All Products available from Stock
- Bonded Warehouse
- Best Prices


José Horstman


Martin Stegeman


Gerard Harte


Miguel Horstman

# Valued Customer
# OUR
# Commitment to YOU!

### Product Selection

All products are acquired from established and experienced manufactures across the globe, which lead the way within the computer accessory industry.

To a large extent they are produced according to our internal specifications.
Our products comply with all relevant technical requirements including the RoHS, WEEE & CE regulations.

### Quality Control

All our products are tested systematically according to DIN-ISO 2859 rules. They are tested under real working conditions, which shows confidence in the quality of product we supply to the trade.

### On Stock

All catalogue products are on stock or will be available within a short period of time.

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## A Brand that you can trust!

ROLINE is a brand name for high quality accessories and a product that is of very good quality, excellent reliability and also attractively priced.
ROLINE branded products come with a 2-year warranty.

Value®
Brand

Quality products and highly aggressive pricing makes the VALUE range ideally suited for Distribution Partners.
All VALUE products are supplied with a 1-year warranty.

### Good Price

High purchasing volume and long-term relationships with highly specialised manufactures gives you the advantage to buy always at competitive prices 'value for money'.

### Service & Support

We provide assistance and guidance for technical questions & product enquiries against our entire Computer Accessory product portfolio.



QUALITY CONTROL



Quality and Service Performance

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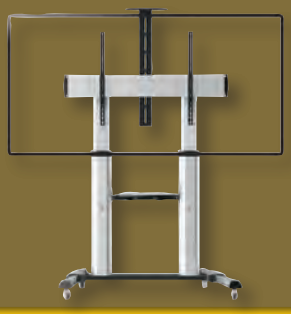

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%




## SELLOFF - as long as we have stock


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## ROLINE Gigabit Ethernet Switch, Pocket

**This product is compact in size, making it ideal for SOHO users with limited space to strengthen its network connection.**

- 8x 10/100/1000BaseTX ports
- Very compact, metal pocket size casing
- Auto-MDI/MDIX
- Auto-negotiation
- Store and forward switching
- Non-blocking
- MAC addresses: 8K
- Power supply: 5 VDC 1.2A or over USB connection from the PC
- Contents: Switch, power supply, USB power cable, manual



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| | Order-No. | – P.U. |
|---|---|---|
| ROLINE Gigabit Ethernet Switch, Pocket, 8 Ports | 21.14.3530 | – 4 |

**Available October 2020**

## VALUE S/FTP Cable Cat.7 / Cl. F

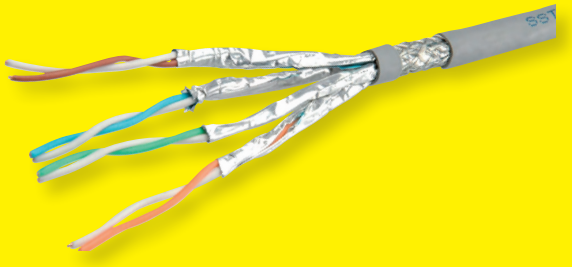
*Halogenfree*
*Flame retardant*
*Low Smoke*
CPR Class $D_{ca}$

- Cable for structured building cabling
- 100 meter / box
- Impedance: 100 Ohm
- Construction:
- 8 lines, solid copper wire, AWG23
- pairs shielded with aluminium foil
- complete shielding in tinned copper braid
- Colour: grey

The Euroclass table defines seven different classes of performance ($A_{ca}$, $B1_{ca}$, $B2_{ca}$, $C_{ca}$, $D_{ca}$, $E_{ca}$ and $F_{ca}$) on the basis of their reaction to fire performance, such as heat emission and flame propagation. These are the main classification criteria, but additional criteria apply only to and are taken into account for classes $B1_{ca}$, $B2_{ca}$, $C_{ca}$ and $D_{ca}$ like:
- s: smoke production from s1a (visibility better than 80%) to s3 (very low visibility)
- d: flaming droplets from d0 (no flaming droplets) to d2 (no requirements)
- a: acidity of emissions from a1 (very low corrosiveness) to a3 (no requirements)

**For a structured Cat. 6a S/FTP Cabling we recommend to use the following components:**
The following products combination has been tested:
21.99.0885 VALUE S/FTP Cable, Cat. 7, Solid Wire
25.16.8484 Surface Wall Mount Frame
25.16.8579 Flush Mount Wall Oulet for Keystones, 2port
26.99.0366 VALUE Cat.6a Keystone, RJ-45, shielded, toolless
26.11.0359/.0360 Keystone 19“ Module frame Cat.5/Cat.6/Cat.6a, 24 Ports, shielded grey/black
21.99.0865 VALUE S/FTP Patch Cord Cat.6a, grey, 5m

**Note: Solid Wire - CPR Class $D_{ca}$**



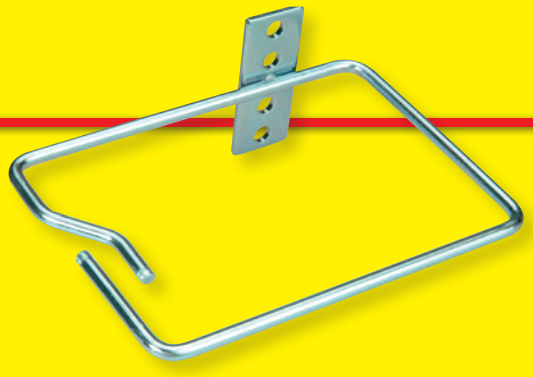
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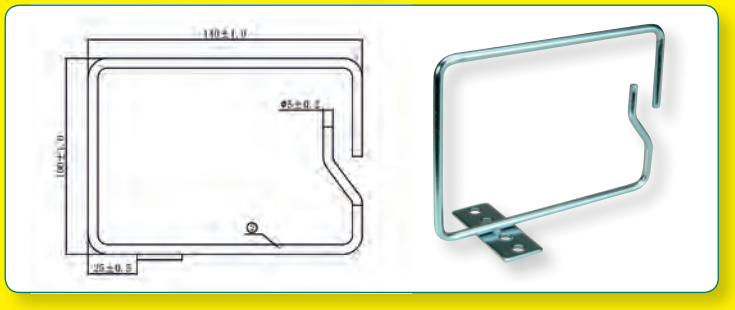
| | Order-No. | – P.U. |
|---|---|---|
| VALUE S/FTP Cable Cat.7 / Cl. F (Class F), Solid Wire, DCa | 21.99.0885 | – 4 |

## 19“ Cable Manager, 140x100mm, Metal

**ROLINE 19“ cable manager with curved opening for easy cable routing - the 140x100mm cable manager offers plenty of space for your cable harnesses and ensures tidy network technology in your server cabinet**

- For mounting on 19“ panel/slide mounts
- Helps with the clean cabling of your network technology
- Cable routing laterally in front of the 19“ bracket
- Cable manager with 5mm metal thickness, galvanized; angle welded
- Contents: Cable Manager





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**Available October 2020**

| | Order-No. | – P.U. |
|---|---|---|
| 19“ Cable Manager, 140x100mm, metal, silver | 26.30.0009 | – 5 |

# NEWSSHOP – New Products

NEW

## 19“ Cable Manager, 80x80mm, Plastic

**19“ cable manager made of soft plastic for easy and flexible cable routing - the 80x80mm cable manager offers plenty of space for your cable harnesses and ensures tidy network technology in your server cabinet**

- For mounting on 19“ UHs
- Helps with the clean cabling of your network technology
- Cable routing laterally in front of the 19“ bracket
- Plastic cable manager in 80x80mm
- Contents: Cable Manager



| | Order-No. | – P.U. |
|---|---|---|
| 19“ Cable Manager, 80x80mm, plastic, black | 26.99.0318 | – 50 |

## ROLINE 19“ Blank Panel, Snap-in, 1U/2U, Metal

DATA CENTER Product

**ROLINE 19“ blind panel painted in RAL 7035 (light grey) to cover unneeded HE - with snap-in mechanism for quick and easy mounting without cage nuts or other accessories.**

- Suitable for all 19“ network or server cabinets
- For use in 19“ server cabinets to conceal unneeded installation spaces
- Easy to mount or dismount via snap-in mechanism
- Does not require any tools or cage nut mounting screws
- Snap-in functionality
- Material: Steel
- 19“ blind with one/two height unit (1 or 2UH)
- RAL 9005 Paint finish, noir
- Contents: Blind plate



| | Order-No. | – P.U. |
|---|---|---|
| ROLINE 19“ Blank Panel, Snap-in, 1U, Metal, RAL 9005 black | 26.30.0000 | – 10 |
| ROLINE 19“ Blank Panel, Snap-in, 2U, Metal, RAL 9005 black | 26.30.0001 | – 10 |

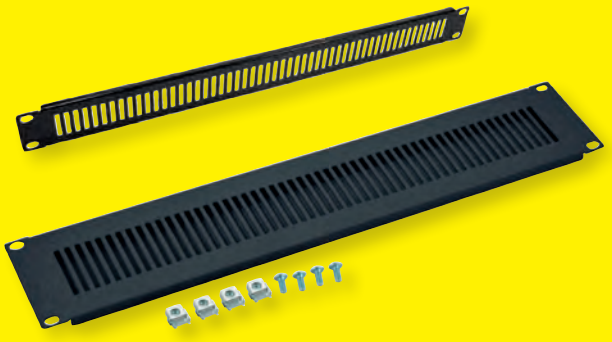
Available October 2020 B

## 19” Rack Front Ventilation Panel, 1UH / 2UH, Metal

DATA CENTER Product

**19“ blind plate coated in RAL 9005 (black) to cover not required HU**

- Front ventilation panel designed for use with 19“ rack units / cabinets
- The panel provides more efficient ventilation to the entire rack system
- Covers unused rack space with vertical ventialtion slots
- Height: 1U / 2U
- Length: 483mm (19”)
- Material: Steel
- Color: black (RAL 9005)
- Contents:Front Ventilation Panel



| | Order-No. | – P.U. |
|---|---|---|
| 19” Rack Front Ventilation Panel, 1U, Metal, RAL 9005 black | 26.99.0319 | – 10 |
| 19” Rack Front Ventilation Panel, 2U, Metal, RAL 9005 black | 26.99.0320 | – 10 |

Available December 2020

## ROLINE FO Panel 19“ unloaded, 12x Ports SC(Simplex)/LC(Duplex)

DATA CENTER Product

**For applications like: Data centres, premise installations, telecommunication networks, Data communication**

- Offers a flexible, multi functional solution allowing an easy access during installation or re-work with no disturbance of the existing cable or fibres
- Robust 1U sliding patch panel designed to house 12 adapters for SC or LC Multimode and Single-mode applications
- Fiber Optic Patch Panel for 12x Ports SC(Simplex) / LC(Duplex)
- The tray is locked in place with 2x metal screws
- When the tray is fully extended the it can be lowered to a 45 degrees angle and will provide the perfect working platform for installation or maintenance
- Offers 2 cable entry points, cables can be fixed with a gland buffer
- 1x M20 and 1x M25 cable gland included



| | Order-No. | – P.U. |
|---|---|---|
| ROLINE FO Panel 19“ unloaded, 12x Ports SC(Simplex)/LC(Duplex), black | 21.17.0350 | – 3 |

Available December 2020

# NEWSSHOP – New Products

## VALUE USB 3.2 Gen 1 Hub, 7 Ports, Type C Connection Cable, with Power Supply

**With this USB 3.0 / USB 3.2 Gen 1 Hub up to seven USB peripheral devices can be connected to the USB port of a PC.**
This hub can connect up to 7 USB 3.0 / USB 3.2 Gen 1 devices to a USB Type C port

- Data transfer rates of up to 5 Gbit/s
- LED status indicator
- Hot-swappable
- Colour: Black
- Contents: Hub, power supply, USB 3.2 Gen1 cable

Note: According to the current specifications of USB.org we have adapted the technical data of our USB 3 products. The new designation for the already known USB specifications has been changed to USB 3.2 Gen 1 (formerly USB 3.0 / USB 3.1 Gen 1) and USB 3.2 Gen 2 (formerly USB 3.1 / USB 3.1 Gen 2).






| | Order-No. | – P.U. |
|---|---|---|
| VALUE USB 3.2 Gen 1 Hub, 7 Ports, Type C connection cable, with Power Supply | 14.99.5040 | – 10 |

## ROLINE DisplayPort Cable, v1.2, TPE, DP-DP

**ROLINE DisplayPort v1.2 cable with DP connection on both sides and highly flexible TPE outer jacket for connecting an Ultrabook, Notebook/Laptop or PC with a monitor, TV, beamer or projector - for screen transmissions in excellent quality with a resolution of up to 3840x2160 / 4096x2560 @60Hz!**

- The cable complies with the DisplayPort v1.2 standard and therefore easily reaches resolutions in the range of 4K@60Hz
- The connection requires little space and is therefore best suited for portable display devices (ultrabooks, notebooks/laptops) or for 2 connections on a graphics card (on one slot level)
- The practical plug design prevents the cable from slipping out of the DisplayPort socket
- Elastic and very flexible thanks to TPE outer sheath- best properties for cable ducts and similar applications where space is limited
- Material: TPE (Thermoplastic Elastomer)
- Compliant DP v1.2 (max. 4096 x 2560 @60Hz)



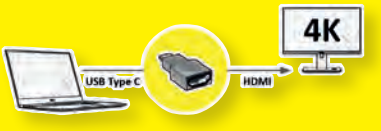
| | Order-No. | – P.U. |
|---|---|---|
| ROLINE DisplayPort Cable, v1.2, TPE, DP-DP, M/M, black, 1.0 m | 11.04.5980 | – 20 |
| ROLINE DisplayPort Cable, v1.2, TPE, DP-DP, M/M, black, 1.5 m | 11.04.5981 | – 20 |
| ROLINE DisplayPort Cable, v1.2, TPE, DP-DP, M/M, black, 2.0 m | 11.04.5982 | – 20 |
| ROLINE DisplayPort Cable, v1.2, TPE, DP-DP, M/M, black, 3.0 m | 11.04.5983 | – 20 |
| ROLINE DisplayPort Cable, v1.2, TPE, DP-DP, M/M, black, 5.0 m | 11.04.5984 | – 10 |
| ROLINE DisplayPort Cable, v1.2, TPE, DP-DP, M/M, black, 7.5 m | 11.04.5985 | – 10 |
| ROLINE DisplayPort Cable, v1.2, TPE, DP-DP, M/M, black, 10 m | 11.04.5986 | – 5 |

## ROLINE Type C - HDMI / DP / VGA Adapter, M/F

**Connect a TV, monitor or projector via HDMI / DP / VGA to your MacBook, Ultrabook, notebook/laptop, PC or mobile device with USB Type C connection (such as an Android phone or Apple iPad Pro) - with resolutions of up to 3840x2160 @60Hz!**

- USB 3.1 / USB 3.2 Gen 2 Type C to HDMI adapter
- To mirror or expand your screen to a TV, monitor or beamer/projector
- Maximum resolution: up to 3840x2160 @60Hz (HDMI/ DP) 1920x1080 (VGA)
- Plug-in adapter with minimal form factor and solid aluminium housing
- No additional power supply required
- Connections: HDMI socket and USB type C connector
- Contents: adapter








| | Order-No. | – P.U. |
|---|---|---|
| ROLINE Type C - HDMI Adapter, M/F, black | 12.03.3226 | – 10 |
| ROLINE Type C - DisplayPort Adapter, v1.2, M/F | 12.03.3227 | – 10 |
| ROLINE Type C - VGA Adapter, M/F | 12.03.3228 | – 10 |

**Available October 2020**

## ROLINE GOLD Type C - HDMI / DP / VGA Adapter, M/F

**Connect a TV, monitor or projector via HDMI / DisplayPort or VGA to your MacBook, Ultrabook, notebook/laptop, PC or mobile device with USB Type C connection (such as an Android phone or Apple iPad Pro) - with resolutions of up to 3840x2160 @60Hz!**

- USB 3.1 / USB 3.2 Gen 2 Type C to HDMI /DisplayPort /VGA adapter
- To mirror or expand your screen to a TV, monitor or beamer/projector
- Maximum resolution: up to 3840x2160 @60Hz (HDMI/ DP) 1920x1080 (VGA)
- Plug-in adapter with minimal form factor and solid aluminium housing
- No additional power supply required
- Connections: HDMI / DisplayPort / VGA socket and USB type C connector
- Contents: adapter






| | Order-No. | – P.U. |
|---|---|---|
| ROLINE GOLD Type C - HDMI Adapter, M/F, black / gold | 12.03.3231 | – 10 |
| ROLINE GOLD Type C - DisplayPort Adapter, v1.2, M/F | 12.03.3232 | – 10 |
| ROLINE GOLD Type C - VGA Adapter, M/F | 12.03.3233 | – 10 |

**Available October 2020**

# NEWSSHOP – New Products

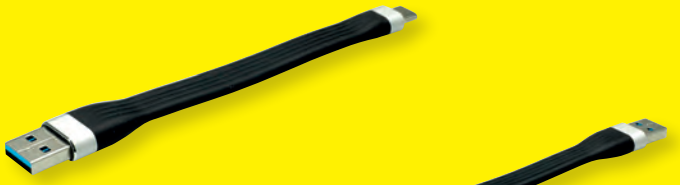
NEW

## ROLINE USB 3.2 Gen 1 Silicone Cable, A-C, M/M

**ROLINE USB 3.0 / USB 3.2 Gen 1 silicone cable with data transfer rates of up to 5 Gbit/s. The silicone-sheathed flat cable not only looks great, but also allows extremely flexible usage thanks to its small bending radius.**

Note: According to the current specifications of USB.org we have adapted the technical data of our USB 3 products. The new designation for the already known USB specifications has been changed to USB 3.2 Gen 1 (formerly USB 3.0 / USB 3.1 Gen 1) and USB 3.2 Gen 2 (formerly USB 3.1 / USB 3.1 Gen 2).

- USB 3.0 / USB 3.2 Gen 1 cable in high quality
- With USB Type C and a classic USB Type A plug
- Suitable for data transfer rates of up to 5 Gbit/s
- Rugged aluminum plugs and a flexible, flat silicone cable for optimal durability
- Colour: black
- Data transfer rates up to 5 Gbit/s
- Type: A-C
- Length: 11 cm
- Colour: black



| | Order-No. | – P.U. |
|---|---|---|
| ROLINE USB 3.2 Gen 1 Silicone Cable, A-C, M/M, black, 11 cm | 11.02.9014 | – 10 |

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## ROLINE USB 3.2 Gen 2 Silicone Cable, PD (Power Delivery) 20V3A, with Emark, C-C, M/M

**ROLINE USB 3.1 / USB 3.2 Gen 2 silicone cable with data transfer rates of up to 10 Gbit/s and support of PD (Power Delivery) at up to 20V3A. The silicone-sheathed flat cable not only looks great, but also allows extremely flexible use thanks to its small bending radius.**

Note: According to the current specifications of USB.org we have adapted the technical data of our USB 3 products. The new designation for the already known USB specifications has been changed to USB 3.2 Gen 1 (formerly USB 3.0 / USB 3.1 Gen 1) and USB 3.2 Gen 2 (formerly USB 3.1 / USB 3.1 Gen 2).

- USB 3.1 / USB 3.2 Gen 2 cable in high quality
- With USB type C connectors on both sides
- Suitable for data transfer rates of up to 10 Gbit/s
- USB power supply with up to 20V3A
- Rugged aluminum plugs and a flexible, flat silicone cable for optimal durability
- Colour: black



| | Order-No. | – P.U. |
|---|---|---|
| ROLINE USB 3.2 Gen 2 Silicone Cable, PD (Power Delivery) 20V3A, with Emark, C-C, M/M, black, 11 cm | 11.02.9054 | – 10 |

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## ROLINE GOLD Type C - 3.5mm Audio Adapter, M/F

**First choice for your USB Type C devices that aren't equipped with a 3.5mm jack, like MacBooks or other Ultrabooks, as well as Smartphones and Tablets.**

- The adapter cable converts USB Type C to 3.5mm Audio jack
- Reversible design for the USB Type C connector
- Stable signal transmission
- Portable design
- Connectors: 3.5mm Female and Type C Male
- Cable length: ca. 13 cm





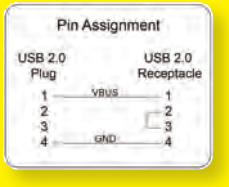

| | Order-No. | – P.U. |
|---|---|---|
| ROLINE GOLD Type C - 3.5mm Audio Adapter, M/F, 0.13 m | 12.03.3223 | – 10 |

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## ROLINE USB Type A Data Lane Blocker

**The USB Type A Port Blocker blocks the data lanes of the used USB port and thus protects your end device from unwanted access or malware - nothing but power is transmitted. The solution is especially useful in foreign environments where USB sockets can be manipulated or hijacked comparatively easily, such as in hotels, or anchorage points like airports or train stations.**

- Eliminates the risk of becoming the target of attacks via foreign USB sockets and reduces the risk of malware / malicious software being transferred to the device
- Suitable for IT equipment in any hotel, office or public environment such as schools, museums, trade fairs or other places
- Ideally suited for anchor points such as airports and railway stations
- Does not cause conflict with the existing IT infrastructure
- Prevents data exchange by blocking the data lanes- only power is transmitted to your end device
- Safe charging without complications
- Contents: 1x USB Data Blocker







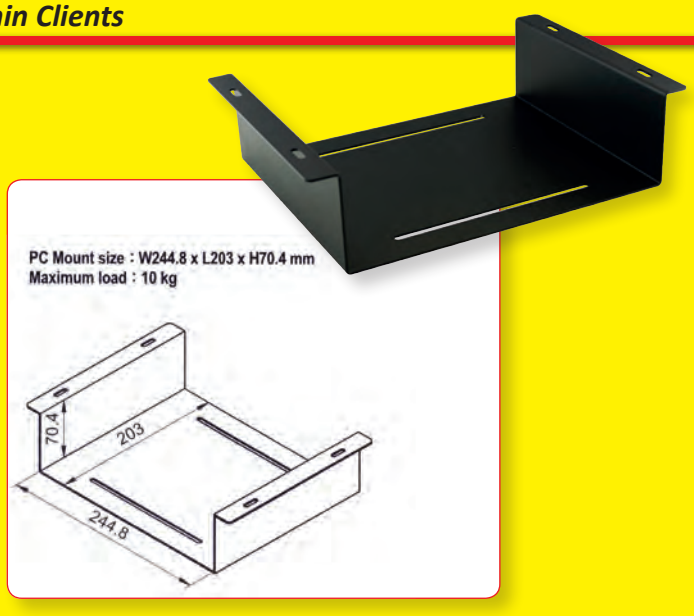


| | Order-No. | – P.U. |
|---|---|---|
| ROLINE USB Type A Data Lane Blocker | 11.02.8332 | – 10 |

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## ROLINE Underdesk Mount for KVM/NUC/Mini PC / Thin Clients

**Save space by mounting your thin client under your desk!**
- Heavy-duty steel construction
- Suitable for a lot of types of thin clients and small cpus
- Under-Desk Installation: it saves valuable desk space and also keeps cpu free from dust
- Maximum weight should not exceed 10 kg
- Can be fixed under your desktop using the supplied fixings screws
- Allows full access to power button, output jacks, and cables.
- Content: 4x mounting screws, installation instructions




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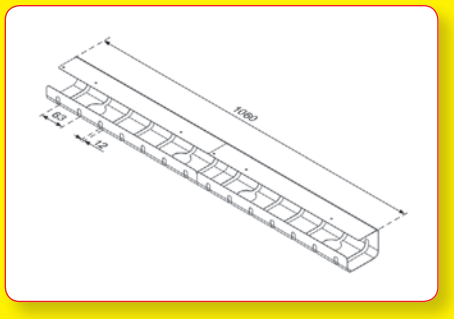
**Available December 2020**

| | Order-No. | – P.U. |
|---|---|---|
| ROLINE Underdesk Mount for KVM/NUC/Mini PC / Thin Clients | 17.03.0113 | – 5 |

## ROLINE Cable Cover Organizer (Under Desk Mount)

- Contents: 2x cable manager à 530 x 110 x 80 mm







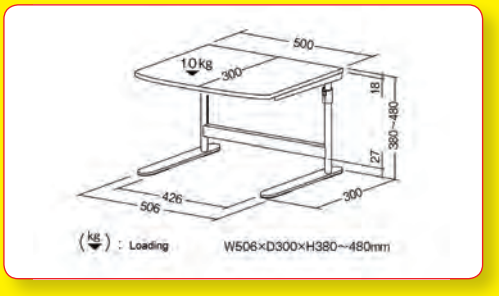

| | Order-No. | – P.U. |
|---|---|---|
| ROLINE Cable Cover Organizer, Under Desk Mount (2 pieces), black | 17.03.1303 | – 6 |
| ROLINE Cable Cover Organizer, Under Desk Mount (2 pieces), white | 17.03.1304 | – 6 |

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## ROLINE Mini Printer Table, Height Adjustable

**Printer table or laptop shelf as an attachment for the desk - versatile and ergonomic to work with a laptop when standing or as a shelf for smaller printers, copiers and scanners. For more efficient working in the office!**

- Perfectly suited in the office or home office as a desk attachment for smaller printers, copiers and scanners or similar devices
- Also perfect as a laptop shelf to work ergonomically while standing
- Easy to adjust in height by two levers
- Sturdy metal frame
- Printer level (W×D: 50×29cm)
- Load capacity: up to 10kg
- Color:
  - Frame: light grey
  - Plate: white
- Dimensions (H×W×D): min/max. 39/49×50×30cm
- Weight: 5kg






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| | Order-No. | – P.U. |
|---|---|---|
| ROLINE Mini Printer Table, height adjustable, grey | 17.01.1086 | – 1 |



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# Network Components / Cables

1


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Fast- / Gigabit Ethernet Switches . . . . . 1.03 – 1.04, 1.06
Media Converters . . . . . 1.04, 1.05, 1.11, 1.12
PoE Injectors / PoE Switches . . . . . 1.08 – 1.09
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## VALUE / ROLINE USB to Fast / Gigabit Ethernet Converter

**These converters are a cost effective solution to convert a USB port into a Fast- or Gigabit Ethernet port**

- Easy installation- just plug the converter into the USB port, connect the LAN cable- done!
- Bus Powered- no external power supply required
- Supports 10/100/1000 Mbit/s auto-sensing capability in Gigabit Ethernet
- Supports both full-duplex and half-duplex operation in Gigabit Ethernet

As Ethernet continues to be the most used network interface as the standard evolves to meet the massive data bandwidth requirements of different markets.
Due to the upward trend in data traffic, new Ethernet rates have been developed to alleviate the traffic bottlenecks created by the data explosion, therefore the 2.5 Gigabit Ethernet standard was designed to bridge the copper-twisted-pair gap between Gigabit Ethernet and 10 Gigabit Ethernet.

**12.99.1105**



**12.02.1106**



**12.99.1107**



**12.99.1116**



**12.02.1107**



**12.02.1109**



**12.99.1115**



**2.5 Gbit/s - 12.02.1103**



| Brand | Description | USB Compliant | Network Connection | USB Type | Color | Supported OS | Hub Function | Order-No. | – PU |
|---|---|---|---|---|---|---|---|---|---|
| VALUE | USB to Fast Ethernet Converter | USB 2.0 | Fast Ethernet | A | black | Win XP / 7 / 8 / 10, Mac OS X | | 12.99.1107 | – 10 |
| VALUE | USB to Gigabit Ethernet Converter | USB 3.2 Gen 1 | Gigabit Ethernet | A | black | Win XP / 7 / 8 / 10, Mac OS X | | 12.99.1105 | – 10 |
| VALUE | USB to Gigabit Ethernet Converter | USB 3.2 Gen 2 | Gigabit Ethernet | C | black | Win XP / 7 / 8 / 10, Mac OS X | | 12.99.1115 | – 10 |
| VALUE | USB to Gigabit Ethernet Converter + 3x Hub | USB 3.2 Gen 1 | Gigabit Ethernet | A | black | Win XP / 7 / 8 / 10, Mac OS X | 3x USB A | 12.99.1116 | – 10 |
| ROLINE | USB to Gigabit Ethernet Converter | USB 3.2 Gen 1 | Gigabit Ethernet | A | black | Win XP / 7 / 8 / 10, Mac OS X | | 12.02.1106 | – 10 |
| ROLINE | USB to Gigabit Ethernet Converter + 3x Hub | USB 3.2 Gen 1 | Gigabit Ethernet | A | black | Win XP / 7 / 8 / 10, Mac OS X | 3x USB A | 12.02.1107 | – 5 |
| ROLINE | USB to Gigabit Ethernet Converter + 3x Hub | USB 3.2 Gen 1 | Gigabit Ethernet | C | black | Win XP / 7 / 8 / 10, Mac OS X | 3x USB A | 12.02.1108 | – 10 |
| ROLINE | USB to Gigabit Ethernet Converter | USB 3.2 Gen 2 | Gigabit Ethernet | C | white | Win XP / 7 / 8 / 10, Mac OS X | | 12.02.1109 | – 10 |
| | | | | | | | | | |
| ROLINE | USB to 2.5 Gigabit Ethernet Adapter | USB 3.2 Gen 2 | 2.5 Gigabit Ethernet | C | black | Win XP / 7 / 8 / 10, Mac OS X | | 12.02.1103 | – 5 |

## ROLINE Fast Ethernet Switch, Pocket

**Very flat pocket size switch in stable metal casing.**

- Ports: 5x/8x 10/100BaseTX
- Metal casing
- Auto-MDI/MDIX
- Auto-Negotiation
- Store and Forward
- Non-Blocking
- Supports full-duplex and Flow Control
- MAC addresses: 2K
- Dimensions: 79 × 62 × 20 mm / 94 x 62 x 20 mm
- Power supply: 5 VDC 1.2A or over USB connection from the PC
- Contents: Switch, power supply, USB power cable, manual






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| | Order-No. – P.U. |
|---|---|
| ROLINE Fast Ethernet Switch, Pocket, 5 Ports | 21.14.3133 – 4 |
| ROLINE Fast Ethernet Switch, Pocket, 8 Ports | 21.14.3134 – 4 |

## ROLINE Gigabit Ethernet Switch, Pocket

**This product is compact in size, making it ideal for SOHO users with limited space to strengthen its network connection.**

- 4x / 8x 10/100/1000BaseTX ports
- Very compact, metal pocket size casing
- Auto-MDI/MDIX
- Auto-negotiation
- Store and forward switching
- Non-blocking
- MAC addresses: 1K / 8K
- Power supply: 5 VDC 1.2A or over USB connection from the PC
- Contents: Switch, power supply, USB power cable, manual







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| | Order-No. – P.U. |
|---|---|
| ROLINE Gigabit Ethernet Switch, Pocket, 4 Ports | 21.14.3514 – 4 |
| ROLINE Gigabit Ethernet Switch, Pocket, 8 Ports | 21.14.3530 – 4 |

## ROLINE Gigabit Ethernet Switch, unmanaged

- Provides 8x 10/100/1000Mbit/s Gigabit Ethernet ports
- All 10/100/1000M ports support auto-negotiation and auto-MDI/MDI-X detection
- Supports full/half-duplex transfer mode for 10/100Mbit/s
- Supports full-duplex transfer mode for 1000Mbit/s
- Store-and-Forward switching method
- Wire-speed packet filtering and forwarding rate
- Supports IEEE 802.3x flow control
- Supports Jumbo Frame up to 9.6K bytes
- MAC Address Table: 8K
- Buffer Memory: 256K bytes
- LED Indication
- Environment Operating Temperature: 0°C ~ 40°C (main device)
- Dimensions (WxDxH): 155 x 86 x 26 mm
- Contents: Switch, power supply (5V DC, 1A), manual




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| | Order-No. – P.U. |
|---|---|
| ROLINE Gigabit Ethernet Switch, 8x RJ-45, unmanaged | 21.14.3521 – 10 |

## ROLINE Gigabit Ethernet Switch, 5x (4xGbE + 1xGbic(SFP))

- Provides 4x TP 10/100/1000Mbit/s Gigabit Ethernet ports and 1x Gbic (SFP)) 100/1000Mbit/s Fibre: MultiMode 50/125µm, 60/125µm, SingleMode 9/125µm
- All 10/100/1000M ports support auto-negotiation and auto-MDI/MDI-X detection
- Supports full/half-duplex transfer mode for 10/100Mbit/s
- Supports full-duplex transfer mode for 1000Mbit/s
- Store-and-Forward switching method
- Wire-speed packet filtering and forwarding rate
- Supports IEEE 802.3x flow control
- Supports Jumbo Frame up to 8K Bytes
- MAC Address Table: 2K
- Buffer Memory: 128 kBytes
- LED Indication
- Environment Operating Temperature: 0°C ~ 40°C (main device)
- Dimensions (WxDxH): 148 x 107 x 29 mm
- Contents: Switch, power supply (5V DC, 1A), manual




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| | Order-No. – P.U. |
|---|---|
| ROLINE Gigabit Ethernet Switch, 5x (4xGbE + 1xGbic(SFP)) | 21.14.3522 – 1 |

## VALUE Fast Ethernet Converter, RJ-45 to SC

**Converter from Fast Ethernet TP port to multimode fiber**
- Supports full wire speed conversion for 10/100Mbit/s speed and media types
- Transparent conversion to 802.1Q VLAN tagged packets
- TP port:
- IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX
- Shielded RJ-45 jacks with auto MDI/MDI-X detection
- Auto-negotiation for speed and duplex auto detection
- Speed for 10/100 Mbit/s, Full/half-duplex support
- FX port: Duplex SC
- IEEE 802.3u 100Base-FX compliant
- Forced 100Mbit/s, Full-duplex
- For multimode fibre cable: 62.5/125µm and 50/125µm
- Low power consumption: 2.5W
- Power over included power supply (5VDC, 1A)
- Remark: The converters do not offer a repeater function!
- Contents: Converter, power supply, manual
- Contents: Converter, power supply (5V DC, 1000mA), manual




| | Order-No. | P.U. |
|---|---|---|
| VALUE Fast Ethernet Converter, RJ-45 to SC | 21.99.1069 | 5 |

## VALUE Fast Ethernet Converter, incl. mini GBIC, RJ45 to LC

**For converting a Fast Ethernet TP port to multimode fiber**
- These converters convert a Fast Ethernet TP port to fiber optic
- Connections: RJ-45 on the TP side / Mini-GBIC slot on the fiber side
- Mini-GBIC module LC: The maximum cable length on the fiber side is 220m when using a 62.5/125µm fiber and 500m when using a 50/125µm fiber.
- Dimensions (WxDxH): 70x108x25mm
- Colour: black
- Power is supplied via an external power supply unit
- Note: The converters do not have a repeater function
- Scope of delivery: Converter, manual, power supply (5V DC, 1A), Mini-GBIC module SX/LC
- Contents: Converter, Manual, PSU




| | Order-No. | P.U. |
|---|---|---|
| VALUE Fast Ethernet Converter, incl. mini GBIC, RJ45 to LC | 21.99.1070 | 5 |

## ROLINE Gigabit Switch, Web-Smart

**This Gigabit switch allows the transfer of data over Gigabit Ethernet through copper or fibre optical connections.**
- Connections: 5x shielded RJ-45 ports and 1x mini GBIC modular slot (fibre optical)
- Mini GBIC port enables the installation of one SX/LC module (21.14.3500/1/2)
- Supports auto-negotiation, full-duplex mode and auto-MDI/MDIX detection
- Supports store and forward switching
- Web Smart management
- Dimensions (WxDxH): 144 x 105 x 26 mm
- Power supply over included external power adapter
- Contents: Switch, power supply (7,5V DC, 1A), CD (manual)






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| | Order-No. | P.U. |
|---|---|---|
| ROLINE Gigabit Switch, 5x RJ-45 + 1 SFP-Slot, Web-Smart | 21.14.3523 | 1 |
| ROLINE Mini-GBIC Modul SX/LC, Multi Mode | 21.14.3500 | 10 |
| ROLINE Mini-GBIC Module LX/LC, Single Mode, 10 km | 21.14.3501 | 10 |
| ROLINE Mini-GBIC Module LX/LC, Single Mode, 20 km | 21.14.3502 | 10 |

## ROLINE 19“ Gigabit Ethernet Switch

- 24x 10/100/1000Mbit/s Gigabit Ethernet ports
- 2x 10/100/1000Mbit/s SFP Ports
- Compliant with the IEEE802.3 10Base-T Ethernet, IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-T specifications
- Supports auto-negotiation and auto-MDI/MDI-X detection
- Supports full/half-duplex transfer mode
- Store-and-Forward switching method
- IEEE 802.3x flow control for full-duplex mode
- Backpressure flow control for half-duplex mode
- MAC addresses: 8K
- 19“ rack mountable
- Contents: Switch, power cord, 19“ rack mount kit, driver CD, manual





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| | Order-No. | P.U. |
|---|---|---|
| ROLINE Gigabit Ethernet Switch, 24x 10/100/1000 Ports + 2x SFP Ports | 21.14.3519 | 1 |

## ROLINE RC-100FX/ST Fast Ethernet Converter, RJ-45 to ST, Loop-back

- These converters are the ideal connectivity solution for networks using a combination of STP and fiber optic types
- Provides media conversion from STP to multimode ST media type
- RC-100FX/ST: The maximum cable length for fiber is 2000 m by using a 50/125µm fiber
- Loop-back-test
- Configration: TP Mode, TP Duplex, TP Speed
- 6 LEDs: TP Speed, Link/Activity, Power, Duplex, Fiber Signal
- Power supplied by included external power supply
- Colour: grey
- Dimensions (WxLxH): 72.5 x 108 x 23 mm
- Contents: Converter, power supply (7.5V DC, 500mA), manual




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| | Order-No. – P.U. |
|---|---|
| ROLINE RC-100FX/ST Fast Ethernet Converter, RJ-45 to ST, Loop-back | 21.13.1070 – 5 |
| ROLINE RC-100FX/SC Fast Ethernet Converter, RJ-45 to SC, Loop-back | 21.13.1071 – 5 |

## ROLINE Gigabit Converter

**Convert a fiber optic (FX) signal into a Twisted Pair (TP) signal. And we offer you the according modules.**

- Connections: 1x RJ-45 on the TP side / 1x (21.13.1069) resp. 2x (21.13.1067) Mini GBIC modular slot on the fibre optical side
- Compliant with 1000BaseT and 1000BaseSX/LX Gigabit Ethernet standards
- TP port supports full-duplex, auto-MDI/MDIX, auto-negotiation
- Each SFP slot supports both singlemode and multimode, or mixed
- Link Loss Forwarding (LLF) / Link Fault Pass Through (LFP)
- Power supply over included external power supply
- Contents: Converter, power supply, CD

**21.13.1069:**
- Dimensions (WxDxH): 73 x 108 x 23 mm

**21.13.1067:**
- Dimensions (WxDxH): 74 x 102 x 22 mm

**21.14.3500:**
- Mini GBIC Modul SX/LC: The maximum cable length for the fibre optic cable is 220 m (62.5/125 µm fibre) and 500 m (50/125 µm fibre)






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| | Order-No. – P.U. |
|---|---|
| ROLINE Gigabit Converter, incl. mini GBIC, RJ45 to LC | 21.13.1069 – 5 |
| ROLINE Gigabit Converter, RJ-45 to Mini GBIC | 21.13.1067 – 2 |
| ROLINE Mini-GBIC Modul SX/LC, Multi Mode | 21.14.3500 – 10 |
| ROLINE Mini-GBIC Module LX/LC, Single Mode, 10 km | 21.14.3501 – 10 |
| ROLINE Mini-GBIC Module LX/LC, Single Mode, 20 km | 21.14.3502 – 10 |

## ROLINE 10/100/1000Base-T to Dual-speed Fiber Media Converter

**Ethernet-Fiber converter which enables connections of copper-based Ethernet equipment over a fiber optic link**

- Tri-speed 10/100/1000Mbit/s copper to dual-speed 1G/100Mbps fiber conversion
- Support full wire speed conversion for Gigabit copper to Gigabit fiber
- Comply with IEEE 802.3, 802.3u, 802.3ab, 802.3z standard
- Auto-negotiation
- Auto-MDI/MDI-X detection
- Supports jumbo frame length of 9.2K bytes
- Supports 802.3x flow control
- LED Indication Unit: Power status, per port: Fiber Speed/Link/Activity, Copper Speed/Link/Activity
- Metal casing
- Contents: Converter, power supply, manual




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| | Order-No. – P.U. |
|---|---|
| ROLINE 10/100/1000Base-T to Dual-speed Fiber Media Converter | 21.13.1174 – 6 |

## VALUE 19“ PoE Fast Ethernet Switch, 8 Ports

Designed for small or medium network environment to strengthen its network connection. This product is compact in size, making it ideal for desktop users with limited space. The switch features 4 IEEE 802.3af Power over Ethernet (PoE) ports supplying up to 15.4 W per port. This product can convert standard 100~240V/AC power into low-voltage DC that runs over an existing LAN cable to power up IEEE 802.3af compliant network accessories like e.g. workgroupswitches, network-cameras, access points, IP-phones.

- 8x 10/100Mbit/s Fast Ethernet ports
- 8 ports are 802.3af/at-compliant PoE-enabled PSE ports
- 1x Gigabit Uplink port
- 1x Gigabit SFP port
- Each port provides up to 15.4 W power
- Auto-MDI/MDIX
- Auto-negotiation
- Supports 802.3x flow control for full-duplex and backpressure for half-duplex
- Provides full wire speed forwarding
- LED indicators
- Casing: metal
- Internal power supply
- Dimensions (LxWxH): 280 × 180 × 44 mm
- Content: Switch, power cord, manual




PoE

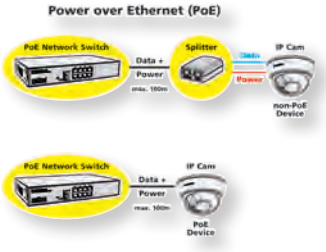
Value®

| | Order-No. – P.U. |
|---|---|
| VALUE PoE Fast Ethernet Switch, 8 Ports + 1 Gigabit Ethernet Combo Port | 21.99.1197 – 1 |

## VALUE PoE Fast Ethernet Switch, 4 Ports + 2 Uplink Ports

**The VALUE PoE+ Fast Ethernet Switch with 4 ports is ideal for small and medium networks, CCTV transmission, access connectivity.**

- 6x 10/100 Mbit/s Fast Ethernet ports (2 Uplink ports)
- 4 ports are 802.3af / at-compliant PoE ports
- Each of the 4 ports provides up to 30W Output Power
- All ports support Auto-MDI / MDI-X, auto-negotiation and flow control (802.3x for full duplex and backpressure for half-duplex)
- Status LEDs: Power, PoE, link / activity
- Compact metal housing
- Internal power supply
- Dimensions (WxDxH): 190 × 130 × 32 mm







| | Order-No. – P.U. |
|---|---|
| VALUE PoE Fast Ethernet Switch, 4 Ports + 2 Uplink Ports | 21.99.1192 – 4 |

## VALUE PoE Switch, Gigabit Ethernet, 8+2 Uplink Ports (1x GbE + 1x SFP)

**Gigabit Ethernet PoE switch with 8+2 ports for small or medium-sized network environments.**

This Gigabit Ethernet PoE switch is designed for small or medium network environments to strengthen its network connection. It converts standard 100~240V/AC power into low-voltage DC that runs over an existing LAN cable to power up Power over Ethernet (PoE) compliant network accessories like e.g. workgroup switches, network cameras, access points, IP-phones.

- 8x 10/100/1000 Mbit/s Auto-Negotiation PoE ports with 1 Gigabit Uplink or 1x SFP Port
- Compliant with IEEE802.3af/at standard (IEEE802.3, 802.3u, 802.3af, 802.3x)
- IEEE802.3x flow control for Full-Duplex Mode and back-pressure for Half-Duplex Mode
- Bandwidth 18Gbit/s
- Detects your PoE devices according to PoE standard
- Supports automatic detect functionality to protect the system when the system power is overloaded or there is non-POE device
- LED indicators for monitoring power, link,activity and speed
- Switching method: Store-and-forward
- Metal casing
- Contents: Switch, power cord, manual



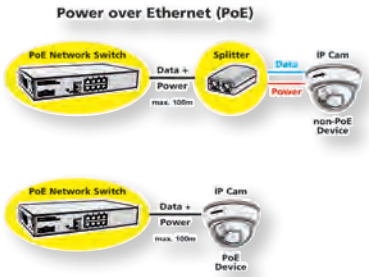

| | Order-No. – P.U. |
|---|---|
| VALUE PoE Switch, Gigabit Ethernet, 8+2 Uplink Ports (1x GbE + 1x SFP) | 21.99.1193 – 4 |

## VALUE PoE Switch, Gigabit Ethernet, 8+2 Ports

**Gigabit Ethernet PoE switch with 8+2 ports for small or medium-sized network environments.**

This Gigabit Ethernet PoE switch is designed for small or medium network environments to strengthen its network connection. It converts standard 100~240V/AC power into low-voltage DC that runs over an existing LAN cable to power up Power over Ethernet (PoE) compliant network accessories like e.g. workgroup switches, network cameras, access points, IP-phones.

- 8x 10/100/1000 Mbit/s Auto-Negotiation PoE ports with 2 Gigabit Uplink Ports
- Compliant with IEEE802.3af/at standard (IEEE802.3, 802.3u, 802.3af, 802.3x)
- IEEE802.3x flow control for Full-Duplex Mode and back-pressure for Half-Duplex Mode
- Bandwidth 18Gbit/s
- Detects your PoE devices according to PoE standard
- Supports automatic detect functionality to protect the system when the system power is overloaded or there is non-POE device
- LED indicators for monitoring power, link,activity and speed
- Switching method: Store-and-forward
- Metal casing
- Contents: Switch, power cord, manual



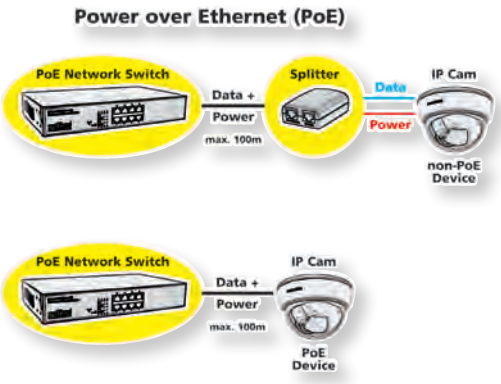



| | Order-No. – P.U. |
|---|---|
| VALUE PoE Switch, Gigabit Ethernet, 8+2 Ports | 21.99.1195 – 4 |

## ROLINE PoE Fast Ethernet Switches, 5 Ports (1x PoE) / 8 Ports

**The ROLINE PoE Fast Ethernet Switch is designed for small network environment to strengthen its network connection. It's also specially designed for video surveillance in buses, trains, subway cars and emergency vehicles. This product is compact in size, making it ideal for every user with limited space.**

- 5x 10/100BaseTx ports, including 1xPoE (Power over Ethernet) port (21.13.1190)
- 8x 10/100BaseTx Fast Ethernet ports (21.13.11901
- PoE port 802.3af compliant
- PoE port provides 48 VDC with up to 15.4 W power
- Auto-MDI/MDIX
- Auto-negotiation
- Full wire speed forwarding
- MAC addresses: 1K
- Casing: metal
- External power supply (40 W)







| | Order-No. – P.U. |
|---|---|
| ROLINE PoE Fast Ethernet Switch, 5 Ports (1x PoE) | 21.13.1190 – 2 |
| ROLINE PoE Fast Ethernet Switch, 8 Ports | 21.13.1191 – 2 |

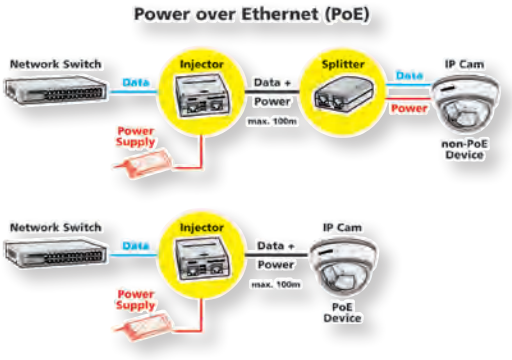
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## ROLINE Industrial Gigabit PoE++ Mid-Span Injector, 90W

**The ROLINE Gigabit PoE Injector is a so-called PSE (Power Source Equipment), a unit to supply power for e.g. surveillance cameras, and LAN devices such as access points, bridges and routers over Ethernet cable.**

A PSE supplies the current together with the data in the network cable. It doesn't need no longer an additional own power supply of the device.

- Supply of data and power into the network cables
- Connectors: 1x RJ-45 port (Data In, Data input), 1x power socket (Power In, input power supply), 1x RJ-45 port (Data & Power Out, output data and power)
- Compatible with 802.3af and 802.3at
- Power via PoE++: up to 90W
- LED indicators for Power, Link / Act. and PoE
- Output voltage: 802.3af standard (45V-57V DC)
- Contents: Injector, manual







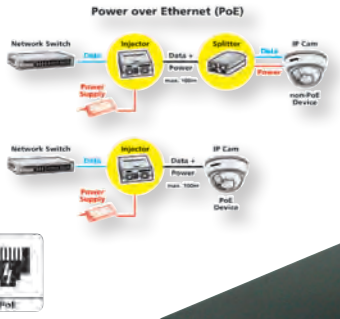
| | Order-No. – P.U. |
|---|---|
| ROLINE Industrial Gigabit PoE++ Mid-Span Injector, 90W | 21.13.1202 – 1 |

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## VALUE Gigabit PoE Injector

**The VALUE Gigabit PoE Injector is a so-called PSE, a unit to supply power for e.g. surveillance cameras, and LAN devices such as access points, bridges and routers over Ethernet cable.**
A PSE supplies the current together with the data in the network cable. It doesn't need no longer an additional own power supply of the device.

- Supply of data and power into the network cables
- Connectors: 1x RJ-45 port (Data In, Data input), 1x IEC power socket (Power In, input power supply), 1x RJ-45 port (Data & Power Out, output data and power)
- Compatible with 802.3af and 802.3at
- Power via PoE: up to 30W
- LED indicators for Power, Link / Act. and PoE
- Output voltage: 802.3af standard (46V-55V DC)
- Contents: Injector, manual





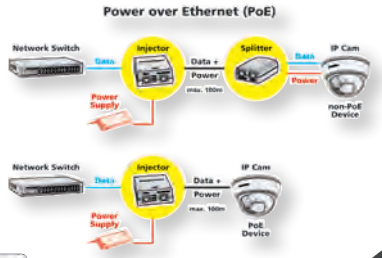


| | Order-No. | P.U. |
|---|---|---|
| VALUE Gigabit PoE Injector | 21.99.1498 | 10 |

## ROLINE Gigabit PoE Injector

**The ROLINE Gigabit PoE Injector is a so-called PSE, a unit to supply power for e.g. surveillance cameras, and LAN devices such as access points, bridges and routers over Ethernet cable.**
A PSE supplies the current together with the data in the network cable. It doesn't need no longer an additional own power supply of the device.

- Supply of data and power into the network cables
- Connectors: 1x RJ-45 port (Data In, Data input), 1x IEC power socket (Power In, input power supply), 1x RJ-45 port (Data & Power Out, output data and power)
- Compatible with 802.3af and 802.3at
- Power via PoE: up to 30W
- LED indicators for Power, Link / Act. and PoE
- Output voltage: 802.3af standard (46V-52V DC)
- Contents: Injector, manual







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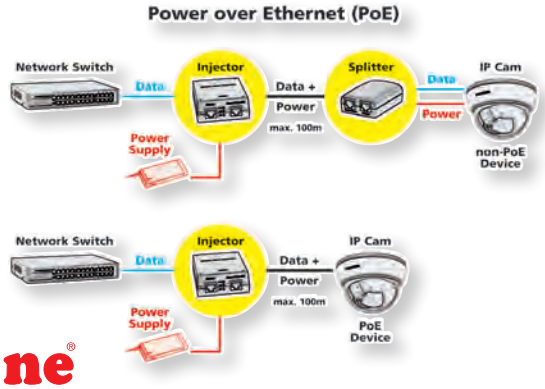
| | Order-No. | P.U. |
|---|---|---|
| ROLINE Gigabit PoE Injector | 21.13.1199 | 6 |

## ROLINE PoE Gigabit Injector

**With this ROLINE Gigabit Ethernet PoE injector you can supply with power simultaneously 4 PoE-capable workgroup switches, network cameras, access points, IP phones, etc. via TP connecting cable**

- Inputs: 4x 10/100/1000 ports for data
- Outputs: 4x 10/100/1000 ports for data and power
- Supports PoE IEEE 802.3af / at: Up to 30 W per port can be fed into the TP cable
- Power supply via terminal block or external DC power supply (48V to) 56V DC Port
- Weight: 190 g
- Dimensions (L x W x H): 94 × 62 × 20 mm
- Metal housing





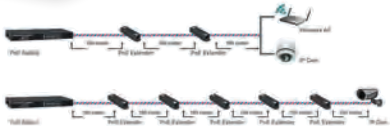

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| | Order-No. | P.U. |
|---|---|---|
| ROLINE PoE Gigabit Injector, 4 Ports | 21.13.1198 | 2 |

## ROLINE Gigabit PoE+ Extender

- 2 port Gigabit PoE extender designed for extending connection distance for another 100m on both ends via Cat-5e cable or better
- For covering longer distances by cascading multiple PoE extender together on a network
- No need any additional power supply
- LAN cable to power IEEE 802.3at compliant network accessories
- Features PoE awareness to verify whether the network device receive power is IEEE 802.3at compliant, or only the data will be sent through LAN cable
- No special networking cable required
- Input: 1x 10/100/1000 ports for data and power
- Output: 1x 10/100/1000 ports for data and power
- By adding PoE devices, it's possible to use an existing standard Cat.5e/6 Ethernet cable without a new electrical outlet for both power and data
- Supports PoE IEEE 802.3af/at
- Own power supply via PoE-consumption about 2W
- Metal enclosure- Wall mounting
- Contents: Power over Ethernet Injector (incl. power cable, 1.5 m), manual



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| | Order-No. | P.U. |
|---|---|---|
| ROLINE Gigabit PoE+ Extender, 2 Port | 21.13.1188 | 12 |

## ROLINE 19“ PoE MID-Span Power Supply

**8-way injector that supplies IEEE 802.3af Power over Ethernet (PoE) compliant network accessories like e. g. workgroup switches, network cameras, access points, IP-phones with data and power over one LAN cable.**

- Data-in Ports: 8x 10/100BaseTX, Data + Power-out Ports: 8x 10/100BaseTX
- Standards: IEEE 802.3 10BaseT , IEEE 802.3u 100BaseTX, IEEE 802.3x Flow Control, IEEE 802.3af PoE
- Max. power output: 48 VDC / 15.4 W per port
- PoE capable ports: Port 1-8 up to 15.4 W per port
- PoE power budget: 110 W
- Max. power consumption (without PoE): 122 W (12 W)
- Status LEDs
- Metal casing, 19“ rack-mountable (rack-mount kit included)
- Active cooling with integrated fan
- Internal power supply
- Dimensions (WxDxH): 440 x 220 x 44 mm
- Contents: Switch, power cord, rack mount kit, manual



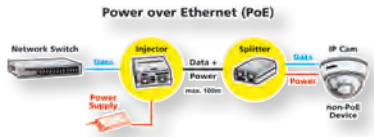

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| | Order-No. – P.U. |
|---|---|
| ROLINE 19“ PoE MID-Span Power Supply, 8 Midspanports | 21.13.1181 – 1 |

## ROLINE High Power PoE Splitter, 30W

- High power PoE splitter which integrates Power over Ethernet (PoE) technology to PoE incapable network device by just using a single Cat.5 cable for both power and data transaction
- For easier, cost-effective PoE network installation, the PoE splitter is the best solution to protect original investment.
- IEEE 802.3at and 802.3af compliance
- Support 10BASE-T, 100BASE-TX, and 1000BASE-T
- Support Alternative A or Alternative B PoE input over Cat.5
- Provide a power class selection DIP for demanding power from PSE
- Support Type 1 PSE classification (for power up to 13 Watts min.) and Type 2 PSE 2-event classification (for power up to 30 Watts)
- Regulated DC power output with four optional voltages
- Flexible mounting support, light weight and compact
- Metal housing
- Dimension: 73 x 85 x 24 mm





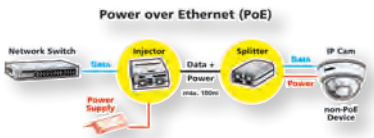

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| | Order-No. – P.U. |
|---|---|
| ROLINE High Power PoE Splitter, 30W | 21.13.1172 – 1 |

## ROLINE High Power PoE++ Splitter, 128W

**High power PoE++ splitter which integrates Power over Ethernet (PoE) technology to PoE incapable network device by just using a single twisted pair cable for both power and data transaction.**

- Enables PoE incapable network device with PoE capability
- IEEE 802.3at PoE+ and 802.3af PoE compliance
- Supports proprietary high power PoE++ up to 128W
- Supports 10BASE-T, 100BASE-TX, and 1000BASE-T
- Supports Alternative A or Alternative B PoE input over Cat.5/6
- Provides power class selection DIP for demanding power from PSE- allows user to select one from nine different classes for demanding power from a remote PoE switched port or mid-span injector
- Supports Type 1 PSE classification and Type 2 PSE 2-event classification
- Short-circuit protection, low voltage lock out, inrush current limit and thermal protection
- Flexible mounting support, light weight and compact
- Metal housing
- Dimension: 73 x 85 x 24 mm






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| | Order-No. – P.U. |
|---|---|
| ROLINE High Power PoE++ Splitter, 128W | 21.13.1173 – 1 |

## ROLINE Fast Ethernet Switches for Industrial Environments, unmanaged

- Fast Ethernet switch with 5/8 shielded 10/100 Base-T copper ports
- Wide operating temperature range for temperature critical environment
- Auto MDI/MDI-X crossover function
- Supports IEEE 802.3x flow control for full-duplex operation
- Supports back-pressure flow control for half-duplex operation
- Supports DIN-rail mounting and panel mounting
- Fanless, rugged metal casing
- Operating Temperature:- 20 ºC- +70 ºC
- DC Input via terminal block or DC power jack (6.3mm / 2.0mm)
- Contents: Switch

**21.13.1155/21.13.1156**
- Power: Input: 5- 30 VDC, consumption: 2.15W resp. 2.3W (max)
- Dimensions: 95 x 40 x 80 mm (WxDxH)

**21.13.1157**
- Power: Input: 4.5- 50V DC, consumption: 3.4W (max.)
- Dimensions: 140 x 106 x 40 mm (WxDxH)







| | | Order-No. | – P.U. |
|---|---|---|---|
| ROLINE Industrial Switch, 5x RJ-45, unmanaged | A | 21.13.1155 | – 1 |
| ROLINE Industrial Switch, 8x RJ-45, unmanaged | B | 21.13.1156 | – 1 |
| ROLINE Industrial Switch, 16x RJ-45, unmanaged | C | 21.13.1157 | – 1 |

DIN-rail

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## ROLINE Gigabit Ethernet Industrial Switch

- Provides 8 10/100/1000Mbps copper ports
- Auto-negotiation
- Auto MDI/MDI-X crossover function
- Supports IEEE 802.3x flow control for full duplex
- Supports back pressure flow control for half duplex
- Fully non-blocking Gigabit full wire speed switching performance
- Jumbo frame support
- Alarm relay output for power failure event and configured port link fault events
- Wide operating temperature range
- Supports Green Ethernet power saving
- Supports IEEE 802.3az Energy Efficient Ethernet
- Supports DIN-Rail mounting and panel mounting
- Industrial-rated emission and immunity performance
- Contents: Switch, power supply, manual

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| | Order-No. | – P.U. |
|---|---|---|
| ROLINE Gigabit Ethernet Industrial Switch, 8x | 21.13.1161 | – 1 |

DIN-rail

## ROLINE Fast Ethernet Switches with Fiber Port for Industrial Environments

- Eight Fast Ethernet copper ports and (optional) fiber ports
- Port 7 and Port 8 provide either 10/100BaseT or 100BaseFX (model dependent)
- All copper ports support auto-negotiation and auto-MDI/MDIX configuration
- Unmanaged switches for industrial environments
- Provides wire speed store and forward switching
- Wide operating temperature range for temperature critical environment
- Industrial-rated emission and immunity performance
- Fanless, extra rugged metal housing
- Support DIN rail mounting and panel mounting
- As according power supply we recommend using DIN-rail power supply unit 21.13.1226

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| | | Order-No. | – P.U. |
|---|---|---|---|
| ROLINE Industrial Switch, 7x RJ-45, 1x ST, unmanaged | A | 21.13.1151 | – 1 |
| ROLINE Industrial Switch, 7x RJ-45, 1x SC, unmanaged | B | 21.13.1152 | – 1 |
| ROLINE Industrial Switch, 6x RJ-45, 2x ST, unmanaged | C | 21.13.1153 | – 1 |
| ROLINE Industrial Switch, 6x RJ-45, 2x SC, unmanaged | D | 21.13.1154 | – 1 |

DIN-rail

## ROLINE Gigabit Ethernet Industrial Switch, 5x RJ45 + 1x SFP

**5-Port Gigabit network switch for use in a industrial environment - including an additional SFP-Port!**

- Provides 5x 10/100/1000Mbps copper ports + 1x dual SFP slot
- Auto-negotiation
- Auto MDI/MDI-X crossover function
- Provides in-band web-based management interface
- Supports IEEE 802.3x flow control for full duplex
- Supports back pressure flow control for half duplex
- Supports port-based and 802.1Q Tag-based VLAN
- Provides QoS function
- Provides 802.1x authentication
- Supports configuration backup and upload
- Provides port mirroring function
- Supports 802.1w RSTP
- Provides IGMP snooping
- MAC Address Table 8K entries
- Buffer Memory 136K bytes
- Operating Power: +6.5VDC to +32VDC
- DC Power Input Screwed Terminal Block: +6.5VDC- +32VDC
- DC IN Jack:-D 6.3mm/+D 2.0mm
- External power adapter rating: +6.5VDC- +32VDC




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| | Order-No. | – | P.U. |
|---|---|---|---|
| ROLINE Gigabit Ethernet Industrial Switch, 5x RJ45 + 1x SFP | 21.13.1162 | – | 1 |

## ROLINE Converter for Indusrial Environments, RS232 - Multimode Optical Fiber

- Transparent conversion for all RS-232 signals
- Designed for industrial environments
- RS-232 surge, ESD, and isolation protection
- DIN-rail and panel mounting support
- Wide power voltage range support
- Terminal block and DC plug power connectors
- Wide operating temperature range
- Industrial-rated emission and immunity performance
- Fanless, rugged metal housing
- Power: Input: 7-30 VDC
- As according power supply we recommend using DIN-rail power supply unit 21.13.1226











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| | | Order-No. | – | P.U. |
|---|---|---|---|---|
| ROLINE Industrial Converter RS232 - Multimode Optical Fiber, ST | A | 21.13.1140 | – | 1 |
| ROLINE Industrial Converter RS232 - Multimode Optical Fiber, SC | B | 21.13.1141 | – | 1 |

## ROLINE Converter for Industrial Environments, 10/100Base-T - Multimode Optical Fiber

- Support full wire speed copper-to-fiber media conversion for 10/100Mbit/s speed and media types
- Support auto-negotiation 10/100Mbit/s or forced mode on TP copper port
- Auto MDI/MDIX
- Provide comprehensive manual configuration settings
- Transparent conversion to 802.1Q VLAN tagged packets
- Low power consumption
- Two power interface types: screw terminal block and DC plug
- Supports DIN-rail mounting and optional screwed plane mounting
- Industrial-rated emission and immunity performance
- Fanless, rugged metal casing
- As according power supply we recommend using DIN-rail power supply unit 21.13.1226






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| | Order-No. | – | P.U. |
|---|---|---|---|
| ROLINE Industrial Converter 10/100Base-T - Multimode Optical Fiber, ST | 21.13.1142 | – | 1 |
| ROLINE Industrial Converter 10/100Base-T - Multimode Optical Fiber, SC | 21.13.1143 | – | 1 |
| ROLINE Industrial Mini Converter, 10/100TX - 100FX (SC) | 21.13.1147 | – | 1 |

## ROLINE Industrial Converter, 10/100/1000T - 100/1000 Fiber

- Support full wire speed copper-to-fiber media conversion for 10/100Mbit/s speed and media types
- Tri-speed 10/100M/1Gbit/s copper to dual-speed 100M/1Gbit/s fiber conversion
- Comply with IEEE 802.3, 802.3u, 802.3ab, 802.3z standard
- Choice for SFPs for 100Base-FX (21.14.3499) or for Gigabit Ethernet (Mini-GBICs: 21.14.3500, 21.14.3501, 21.14.3502)
- Support full wire speed conversion for Gigabit copper to Gigabit fiber SFP port
- Support auto-negotiation with link partners
- Supports auto-negotiation 10/100Mbps or forced mode on the copper port
- Auto-MDI/MDIX on the copper port
- Ideal solution for multimode, short reach up to long reach single mode fiber, Bi-Di applications
- Provide dual-speed SFP on fiber port for mounting variety of fiber options
- Provide important LFPT (Link Fault Pass Through) media converter function
- Support Jumbo frame conversion
- Energy efficient ethernet (EEE) support
- Alarm events relay output
- Operation temp. :- 20 ºC- +70 ºC
- Supports DIN rail mounting
- DC Input via terminal block
- As PSU u order : 21.13.1226






| | Order-No. – P.U. |
|---|---|
| ROLINE Industrial Converter, 10/100/1000T - 100/1000 Fiber | 21.13.1149 – 1 |
| ROLINE SFP 100Base-FX, Multimode, 2km | 21.14.3499 – 10 |
| ROLINE Mini-GBIC Modul SX/LC, Multi Mode | 21.14.3500 – 10 |
| ROLINE Mini-GBIC Module LX/LC, Single Mode, 10 km | 21.14.3501 – 10 |
| ROLINE Mini-GBIC Module LX/LC, Single Mode, 20 km | 21.14.3502 – 10 |

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## ROLINE Industrial Managed 8-Port L2 Gigabit Ethernet Switch

**ROLINE Industrial Managed 8-Port L2 Gigabit Ethernet Switch which enables up to 8 connections of copper-based Ethernet equipment**

- Provides 8 10/100/1000Mbps copper ports
- Complies with IEEE 802.3, 802.3u, 802.3ab, 802.3x and 802.3az standards
- Auto-negotiation / Auto MDI/MDI-X crossover function
- Supports IEEE 802.3x flow control for full duplex
- Supports back pressure flow control for half duplex
- Fully non-blocking Gigabit full wire speed switching performance
- Jumbo frame support (9.6K bytes)
- Alarm relay output for power failure event and software configured port link fault events
- 802.1Q VLAN / QoS (Quality of Service) function
- Port mirroring / IGMP snooping function
- Web management
- SNMP MIB-II support and trap function
- Wide operating temperature range
- Supports IEEE 802.3az Energy Efficient Ethernet
- Supports DIN-Rail mounting and panel mounting
- LED Indication Unit: Power status, per port: Speed/Link/Activity
- Metal casing
- Contents: Switch, manual




| | Order-No. – P.U. |
|---|---|
| ROLINE Industrial Managed 8-Port L2 Gigabit Ethernet Switch | 21.13.1136 – 1 |

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## ROLINE Gigabit Switch 10-Port(8x RJ45+2x SFP) Layer2 PoE+ Smart Managed

- Eight 10/100/1000Mbps RJ-45 and two dual-speed SFP slots
- All copper ports support auto-negotiation and auto-MDI/MDI-X detection
- All copper ports are equipped with 802.3at-compliant PoE PSE
- Two SFP slots support dual speed for 100BASE-FX and 1000BASE-X SFP transceivers
- Full wire speed forwarding
- Supports 802.3x flow control for full-duplex and backpressure for half-duplex
- Supports SFP with Digital Diagnostic Monitoring (DDM)
- Provides PoE PSE redundancy function
- Provides fiber optical power alarm function, Automatic Laser Shutdown function
- Power voltage DC 12V-30V

- **Management:**
  - HTTP/HTTPS/SSHv2/CLI telnet/CLI console/SNMP v1/v2c/v3/RMON
  - DHCP/DHCPv6 client, DNS client, NTPv4
  - IPv6 support, System Syslog, Configuration down/upload, Software upload
  - private MIB for DDM monitoring, Remote boot, TFTP firmware update via SNMP

- **Security:**
  - NAS, 802.1X, MAC-based/Web/CLI authentication, IP MAC binding, TACACS+, IP source guard

- **Layer 2:**
  - QoS, 802.1Q/MAC-based/Protocol-based/Private/IP subnet VLAN, Port Isolation
  - Storm control for UC/MC/BC packets
  - Static MAC configuration
  - IGMP v2/v3 snooping, MLD v1/v2 snooping, DHCP snooping
  - Multiple Spanning Tree – MSTP, RSTP, STP

- **Auto Multi-Ring (KAMR) Technology:**
  - Fast failover response time
  - Auto recovery when failure is repaired
  - Supports up to Five redundant rings
  - Works with RSTP network
  - Supports ring member status monitoring for up to 100 units




| | Order-No. – P.U. |
|---|---|
| ROLINE Gigabit Switch 10-Port(8x RJ45+2x SFP) Layer2 PoE+ Smart Managed | 21.13.1137 – 1 |

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## ROLINE Industrial Ethernet to Serial Media Converters (RS-232), 1x SFP



**Network media converter from Ethernet (RJ-45) to serial (RS-232), for use in industrial environments - including an additional SFP port!**

- Ethernet interface provides combo port of 10/100Mbps copper RJ-45 and 100M fiber SFP slot
- Serial interface RS-232
- Serial port supports baud-rate up to 230400bps
- Galvanic isolation on serial interface
- Data conversion throughput up to 230Kbps
- Wide range of direct power voltage support, DC 8V-60V
- Powered over Ethernet through RJ-45 interface (PoE-enabled)
- Alarm relay output for power failure, port link down and failure in connecting to server
- Application support for remote COM port, serial server over TCP, reverse telnet, pair connection, and serial broadcast
- Remote COM driver support for Windows PC
- Web-based and serial-based console configuration
- Event notification over SMTP and SNMP traps
- Designed for industrial environments with:
- Terminal block and DC plug (6.3 mm/2.0 mm) power connectors
- Fanless, rugged metal housing
- Power: Input: 8- 60 VDC
- Power over Ethernet:
- IEEE 802.3af, voltage input range: +36- +57VDC
- Operating Temperature:- 30 °C- +70 °C

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| | Order-No. | – P.U. |
|---|---|---|
| ROLINE Industrial Ethernet to Serial Media Converters (RS-232), 1x SFP | 21.13.1138 | – 1 |

## ROLINE Industrial Converter RS422/485 - Multimode Optical Fiber, 1x SFP



**Network media converter from Ethernet (RJ-45) to serial (RS-422/RS-485), for use in industrial environments - with an additional SFP port!**

- Ethernet interface provides combo port of 10/100Mbps copper RJ-45 and 100M fiber SFP slot
- Serial interface RS-422/485
- Serial port supports baud-rate up to 230400bps
- Galvanic isolation on serial interface
- Data conversion throughput up to 230Kbps
- Wide range of direct power voltage support, DC 8V-60V
- Powered over Ethernet through RJ-45 interface (PoE-enabled)
- Alarm relay output for power failure, port link down and failure in connecting to server
- Application support for remote COM port, serial server over TCP, reverse telnet, pair connection, and serial broadcast
- Remote COM driver support for Windows PC
- Web-based and serial-based console configuration
- Event notification over SMTP and SNMP traps
- Designed for industrial environments with:
- Terminal block and DC plug (6.3 mm/2.0 mm) power connectors
- Fanless, rugged metal housing
- Power: Input: 8- 60 VDC
- Power over Ethernet:
- IEEE 802.3af, voltage input range: +36- +57VDC
- Operating Temperature:- 30 °C- +70 °C

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| | Order-No. | – P.U. |
|---|---|---|
| ROLINE Industrial Converter RS422/485 - Multimode Optical Fiber, 1x SFP | 21.13.1139 | – 1 |

## MEAN WELL DIN-Rail Power Supply Unit

- Type: constant current limiting
- DIN-rail mounting
- LED indication

| Technical data: | 21.13.1226 | 21.13.1228 |
|---|---|---|
| Output voltage: | 24 VDC | 48 VDC |
| Output current: | 0 to 2 A | 0 to 1.6 A |
| Output power: | 45 W | 75 W |
| Input: | 85...264 VAC | 85...264 VAC |
| Dimensions (mm): | 78 x 93 x 67 | 56 x 125 x 100 |







DIN-rail

| | Order-No. | – P.U. |
|---|---|---|
| MEAN WELL DR-45-24 DIN-Rail Power Supply Unit, 45W 24V DC | 21.13.1226 | – 1 |
| MEAN WELL DR-75-48 DIN-Rail Power Supply Unit, 75W 48V DC | 21.13.1228 | – 1 |

# TWISTED-PAIR-CABLES

# OVERVIEW

**On the following pages we keep repeating the aspects described herein.**
**– Please pay attention in particular on the notes shielding, transmission quality and fire protection.**
**– You will find the corresponding buttons and logos, placed again at the various products.**



## General Information

„Twisted pair“ is the English name for network cable with twisted or stranded wire pairs. Twisted pair cables provide a better protection against external alternating magnetic fields and electrostatic interference. Likewise, the crosstalk between adjacent pairs is reduced within the cable.

The copper wires of installing cables are made of solid wires while patch cables are made of stranded wires, usually produced with 7 individual wires.
– The diameter of the wires are defined in AWG. Solid wires typically have a thickness of 22 to 24 AWG, stranded wires AWG 24-27th

– The insulation of the wires as well as the sheath of the cable as a whole are often made of PVC, but now often made of a halogen-free low-smoke plastic mixture.

More on this in the section fire safety.

| | Diameter | | Cross section |
|---|---|---|---|
| AWG | (inch) | (mm) | (mm2) |
| 22 | 0.0253 | 0.644 | 0.326 |
| 23 | 0.0226 | 0.573 | 0.258 |
| 24 | 0.0201 | 0.511 | 0.205 |
| 25 | 0.0179 | 0.455 | 0.162 |
| 26 | 0.0159 | 0.405 | 0.129 |
| 27 | 0.0142 | 0.361 | 0.102 |

## Shielding

There are different approaches whether and how twisted-pair cables are being protect. In this case, significant differences in the quality of the cable are related to the intended use. Especially at higher transmission rates and for greater lengths shielded cables have a significantly better transmission quality.
– It is important that the decision is made consistently in terms of shielding for an installation.
– The following shielding types are within our product portfolio:

**U / UTP (unscreened / unshielded twisted pair) or short-UTP:**
– These cables have neither a common shield, nor an individual shield for each separate twisted pair.
– They have the lowest protection against electromagnetic influences.




**F / UTP (Foiled / Unshielded Twisted Pair) or short FTP:**
– The pairs are unshielded, the cable has a full shield aluminium-laminated foil that wraps all the pairs together.
– A version thereof is S / UTP (Screened / Unshielded Twisted Pair):
– The pairs are also unshielded, the overall shield consists of a tinned copper braid. The quality of this cable is much higher than for U / UTP cables.




**SF / UTP (Foiled / Unshielded Twisted Pair) or simply S / FTP:**
– The pairs are unshielded, there is an overall shield made of aluminium-laminated foil and also a tinned copper braid.
– The protective effect of this combination is again higher than with a simple shielding.




**S / FTP (screened / shielded twisted pair) or simply S / FTP:**
– All wire pairs are shielded with aluminium laminated foil, and there is an overall shielding of a tinned copper braid.
– The paired shielding attenuates the disruption of the pairs („crosstalk“) considerably. The combination of foil and braid also has the highest possible protection against electromagnetic influences from outside.
(Green: laminated aluminum foil / Red: tinned copper braid)




## Quality

Twisted pair cable – as well as the associated components (e.g., junction boxes) – are classified according to transmission quality into classes or categories. Each class or category covers various requirements and quality standards. The concept of category (abbreviated „Cat.“) is mainly extracted from the American standardization (EIA / TIA), the class of the international (ISO / IEC) or from the European (EN).

– There is a distinction between data for individual parts or components (patch cables, connectors, installation cables, patch panels, etc.) and information for so-called links. Links can be used as a permanent link (Patch Panel + Installation + cable junction box) and as a channel (s. Figure above), which includes the patch cable.

– The class C to EA (corresponding categories 3 to 6A) are defined and valid. Class F (equivalent to Category 7) is defined, but the standardization is not further pursued. The FA class is currently in the process of standardization.

**Two comments on it:**
1. The Class EA (equivalent to Category 6A) was specified so that 10 Gigabit Ethernet can be transmitted.
2. For classes from F (equivalent categories as of 7) the current state of RJ-45 due to the close contact assembly cannot meet the required specifications.
– If patch cables are still designated „Cat.7“, it is just because the cable (material) meets the requirements of Cat.7 – even the highest quality RJ-45 maximum fulfills Cat.6A.

– In order to achieve optimal performance from your network, all components (patch cables, connectors, installation cables, patch panels, etc.) of a link must support the same category or class.
– The component with the lowest performance determines the transmission class (Link Class) of the entire system. When using e.g. a Cat 5e cable with Cat. 6 connector components, the entire link still only fulfils Class D (Cat.5e).




| Category | Class | Max. Frequency | Application |
|---|---|---|---|
| | | | |
| 3 | C | 16 MHz | Fast Ethernet |
| 5e | D | 100 MHz | Gigabit Ethernet |
| 6 | E | 250 MHz | Gigabit Ethernet |
| 6A | EA | 500 MHz | 10 Gigabit Ethernet |
| 7 | F | 600 MHz | 10 Gigabit Ethernet |
| 8 | G | 2 GHz | 40 Gigabit Ethernet |

# OVERVIEW

## Fire protection: flame resistance, smoke-free, halogen-free

Particularly in large installations, it is important that attention is paid to the needs of fire protection. There are three important must– haves for the cable sheath and wire insulation. These properties are flame resistance, low-smoke and zero halogen.

**Flame resistance:**
– A cable is classified as flame retardant in accordance with IEC 60332, if it does not or only a specified short piece continues to burn, while the rest of the cable is set on fire for a long time.

**Smoke poverty:**
– The idea is that in case of fire not too much smoke may be released. To test the smoke poverty according to IEC 61034 cable pieces are placed in a chamber for a long time under fire and the light transmittance of the resulting smoke measured by photocell inside the chamber.

**Halogen-free:**
– The measurement of halogen-free is prescribed in IEC 60754. Halogens in the material on the one hand lead to combustion toxic fumes and on the other hand to the formation of corrosive or caustic acids.

**LS0H:**
– There is often also the name Low Smoke Zero Halogen (LSZH or LS0H) for the classification of cable material. In this case, although reference is made to smoke and zero halogen poverty, but not on the flame resistance.

Therefore, we call on the following pages individually the three properties described above.

**** Halogenfree***
***Flame retardant***
***Low Smoke***

## Our products

Cat.5e | Cat.6 | Cat.6A | Cat.7 | Cat.8

Value® roline®
Designed for Professionals

**VALUE Patchcords**
VALUE has a budget patch cables product line with a very good price / performance ratio. Available in the Category 5e, 6, 6A and „7“ in various shielding types, lengths and colors.

**ROLINE Patchcords**
Quality makes the difference!
ROLINE offers a wide range of high quality patch cables with reserves in the transmission quality even in critical environments.
Available in the Category 5e, 6, 6A, „7“ and 8 in various shielding types, lengths and colors. 2 years warranty!

## ROLINE Components – Recommandation for structured cabling

| Category | Type | LAN Cable | | Wall Jack | | Patch Panel | | Patch Cord | | Test / Certification |
|---|---|---|---|---|---|---|---|---|---|---|
| Cat.5e | UTP | 21.15.0511 | 300m | 25.16.8506 | w/F | 26.11.0349 | blk | 21.15.0505 | 5m | GHMT / z1325a-04-D |
| Cat.5e | UTP | 21.15.0512 | 100m | 25.16.8501 | iv/F | 26.11.0347 | lgrey | | | |
| Cat.5e | UTP | | | 25.16.8406 | w/S | | | | | |
| Cat.5e | UTP | | | 25.16.8401 | iv/S | | | | | |
| | | | | | | | | | | |
| Cat.5e | S/FTP | 21.15.0019 | 100m | 25.16.8487 | w/F | 26.11.0328 | blk | 21.15.0305 | 5m | GHMT / z1326A-04-D |
| Cat.5e | S/FTP | 21.15.0020 | 300m | 25.16.8486 | iv/F | 26.11.0329 | lgrey | | | |
| Cat.5e | S/FTP | | | 25.16.8387 | w/S | | | | | |
| Cat.5e | S/FTP | | | 25.16.8386 | iv/S | | | | | |
| | | | | | | | | | | |
| Cat.6 | UTP | 21.15.0990 | 100m | 25.16.8494 | w/F | 26.11.0362 | blk | 21.15.0935 | 5m | GHMT / z2329b-10-E (Flush) / |
| Cat.6 | UTP | 21.15.0991 | 300m | 25.16.8500 | iv/F | 26.11.0361 | lgrey | | | z2330b-10-E (Surface) |
| Cat.6 | UTP | | | 25.16.8394 | w/S | | | | | |
| Cat.6 | UTP | | | 25.16.8395 | iv/S | | | | | |
| | | | | | | | | | | |
| Cat.6 | S/FTP | 21.15.0890 | 100m | 25.16.8492 | w/F | 26.11.0351 | blk | 21.15.0835 | 5m | GHMT / z2365b-10-E (Flush) / |
| Cat.6 | S/FTP | 21.15.0891 | 300m | 25.16.8493 | iv/F | 26.11.0361 | lgrey | | | z2364b-10-E (Surface) |
| Cat.6 | S/FTP | | | 25.16.8392 | w/S | | | | | |
| Cat.6 | S/FTP | | | 25.16.8393 | iv/S | | | | | |

## VALUE Components – Recommandation for structured cabling

| Category | Type | LAN Cable | | Wall Jack | | Patch Panel | | Patch Cord | | Test / Certification |
|---|---|---|---|---|---|---|---|---|---|---|
| Cat.5e | UTP | 21.99.0596 | 300m | 25.16.8506 | w/F | 26.99.0349 | blk | 21.99.0505 | 5m | Laboratory 100m Channel / Class D |
| Cat.5e | UTP | | | 25.16.8501 | iv/F | 26.99.0347 | lgrey | | | |
| Cat.5e | UTP | | | 25.16.8406 | w/S | | | | | |
| Cat.5e | UTP | | | 25.16.8401 | iv/S | | | | | |
| | | | | | | | | | | |
| Cat.5e | S/FTP | 21.99.0196 | 300m | 25.16.8487 | w/F | 26.99.0328 | blk | 21.99.0105 | 5m | Laboratory 100m Channel / Class D |
| Cat.5e | S/FTP | | | 25.16.8486 | iv/F | 26.99.0329 | lgrey | | | |
| Cat.5e | S/FTP | | | 25.16.8387 | w/S | | | | | |
| Cat.5e | S/FTP | | | 25.16.8386 | iv/S | | | | | |
| | | | | | | | | | | |
| Cat.6 | UTP | 21.99.0995 | 300m | 25.99.8494 | w/F | 26.99.0362 | blk | 21.99.0905 | 5m | Laboratory 100m Channel / Class E |
| Cat.6 | UTP | | | 25.99.8394 | w/S | 26.99.0355 | lgrey | | | |
| | | | | | | | | | | |
| Cat.6 | S/FTP | 21.99.0892 | | 25.99.8392 | | 26.99.0353 | blk | 21.99.0805 | 5m | Laboratory 100m Channel / Class E |
| Cat.6 | S/FTP | | | 25.99.8492 | | 26.99.0354 | lgrey | | | |
| | | | | | | | | | | |
| Cat.6A | UTP | 21.99.1685 | | 25.16.8484 | | 26.99.0359 | lgrey | 21.99.0875 | 5m | Laboratory 100m Channel / Class EA |
| Cat.6A | UTP | | | 25.16.8579 | | 26.99.0358 | blk | | | |
| | | | | | | | | | | |
| Cat.6A | S/FTP | 21.99.0882 | | 25.16.8579 | | 26.11.0359 | blk | 21.99.0865 | 5m | Laboratory 100m Channel / Class EA |
| Cat.6A | S/FTP | 21.99.0884 | | 25.16.8484 | | 26.11.0360 | lgrey | | | |

F - Flush Mount / S - Surface Mount  w - white  / iv - ivory

## VALUE UTP Cable Cat.5e / Cl. D

CPR Class $E_{ca}$

- Structured building cabling
- Impedance: 100 Ohm
- Length: 300 m
- Colour: Grey
- Construction: 8 lines, copper, solid wire AWG24



**For a structured cabling system we recommend to use the following components:**
VALUE Cat.5e UTP Cable, Solid Wire, AWG24, 300 m: 21.99.0596
ROLINE Cat.5e Flush/Surface Mount Wall Jack, unshielded: 25.16.8506 (white), 25.16.8501 (ivory)/25.16.8406 (white), 25.16.8401 (ivory)
VALUE Cat.5e 19" Patch Panel, 24 Ports, unshielded: 26.99.0349 (black), 26.99.0347 (light grey)
VALUE Cat.5e UTP Patch Cord, grey, 5 m: 21.99.0505

Our in-house laboratory has tested this cable-plug combination, in a Channel of 100 meters, in compliance with Class D specifications.

**Note: Solid Wire - CPR Class $E_{ca}$**

| | Order-No. – P.U. |
|---|---|
| VALUE UTP Cable Cat.5e / Cl. D, Solid Wire, AWG24, 300 m | 21.99.0596 – 2 |

## ROLINE UTP Cable Cat.5e / Cl. D

CPR Class $E_{ca}$

- Structured building cabling
- Impedance: 100 Ohm
- Colour: Grey
- Construction (21.15.0512/11): 8 lines, copper, solid wire AWG24
- Construction (21.15.0518/20): 8 lines, copper, stranded wire AWG24



**For a structured cabling system we recommend to use the following components:**
ROLINE Cat.5e UTP Cable, Solid Wire, AWG24: 21.15.0512 (100 m), 21.15.0511 (300 m)
ROLINE Cat.5e Flush/Surface Mount Wall Jack, unshielded: 25.16.8506 (white), 25.16.8501 (ivory)/25.16.8406 (white), 25.16.8401 (ivory)
ROLINE Cat.5e 19" Patch Panel, 24 Ports, unshielded: 26.11.0349 (black), 26.11.0347 (light grey)
ROLINE Cat.5e UTP Patch Cord, grey, 5 m: 21.15.0505

Our in-house laboratory has tested this cable-plug combination, in a Channel of 100 meters, in compliance with Class D specifications.

**Note: Solid Wire - CPR Class $E_{ca}$**

| | Order-No. – P.U. |
|---|---|
| ROLINE UTP Cable Cat.5e / Cl. D, Solid Wire, 100 m | 21.15.0512 – 2 |
| ROLINE UTP Cable Cat.5e / Cl. D, Solid Wire, 300 m | 21.15.0511 – 1 |
| ROLINE UTP Cable Cat.5e / Cl. D, Stranded Wire, 100 m | 21.15.0518 – 2 |
| ROLINE UTP Cable Cat.5e / Cl. D, Stranded Wire, 300 m | 21.15.0520 – 1 |

## VALUE FTP Cable Cat.5e / Cl. D

CPR Class $E_{ca}$

- Structured building cabling
- Impedance: 100 Ohm
- Length: 300 m
- Colour: Grey
- Construction: 8 lines, copper, solid wire, complete shielding with aluminium clad polyester foil



**For a structured cabling system we recommend to use the following components:**
VALUE Cat.5e FTP Cable, Solid Wire, 300 m: 21.99.0196
ROLINE Cat.5e Flush/Surface Mount Wall Jack, shielded: 25.16.8487 (white), 25.16.8486(ivory)/25.16.8387 (white), 25.16.8386 (ivory)
VALUE Cat.5e 19" Patch Panel, 24 Ports, shielded: 26.99.0328 (black), 26.99.0329 (light grey)
VALUE Cat.5e FTP Patch Cord, grey, 5 m: 21.99.0105

Our in-house laboratory has tested this cable-plug combination, in a Channel of 100 meters, in compliance with Class D specifications.

**Note: Solid Wire - CPR Class $E_{ca}$**

| | Order-No. – P.U. |
|---|---|
| VALUE FTP Cable Cat.5e / Cl. D, Solid Wire, 300 m | 21.99.0196 – 2 |

## ROLINE FTP Cable Cat.5e / Cl. D

CPR Class $E_{ca}$

- Structured building cabling
- Impedance: 100 Ohm
- Colour: Grey
- Construction (21.15.0009/10): 8 lines, copper, solid wire AWG24, screening: alu-laminated foil
- Construction (21.15.0119/21): 8 lines, copper, stranded wire AWG26, screening: alu-laminated foil



**For a structured cabling system we recommend to use the following components:**
ROLINE Cat.5e FTP Cable, Solid Wire, AWG24: 21.15.0009 (100 m), 21.15.0010 (300 m)
ROLINE Cat.5e Flush/Surface Mount Wall Jack, shielded: 25.16.8487 (white), 25.16.8486 (ivory)/25.16.8387 (white), 25.16.8386 (ivory)
ROLINE Cat.5e 19" Patch Panel, 24 Ports, shielded: 26.11.0329 (light grey), 26.11.0328 (black)
ROLINE Cat.5e FTP Patch Cord, grey, 5 m: 21.15.0105

Our in-house laboratory has tested this cable-plug combination, in a Channel of 100 meters, in compliance with Class D specifications.

**Note: Solid Wire - CPR Class $E_{ca}$**

| | Order-No. – P.U. |
|---|---|
| ROLINE FTP Cable Cat.5e / Cl. D, Solid Wire, 100 m | 21.15.0009 – 2 |
| ROLINE FTP Cable Cat.5e / Cl. D, Solid Wire, 300 m | 21.15.0010 – 1 |
| ROLINE FTP Cable Cat.5e / Cl. D, Stranded Wire, 100 m | 21.15.0119 – 2 |
| ROLINE FTP Cable Cat.5e / Cl. D, Stranded Wire, 300 m | 21.15.0121 – 1 |

## ROLINE S/FTP Cable Cat.5e / Cl. D

CPR Class $E_{ca}$

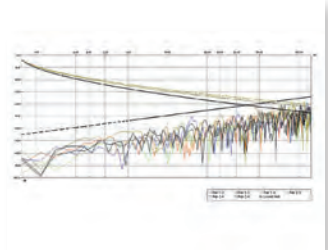
- Structured building cabling
- Impedance: 100 Ohm
- Colour: Grey
- Construction (21.15.0019/20): 8 lines, copper, solid wire AWG24, screening: alu-laminated foil, shielding: copper braid
- Construction (21.15.0319/21): 8 lines, copper, stranded wire AWG26, screening: alu-laminated foil, shielding: copper braid
- Diagram: attenuation/near end crosstalk

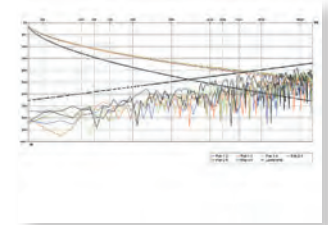
**For a structured cabling system we recommend to use the following components:**
ROLINE Cat.5e S/FTP Cable, Solid Wire, AWG24: 21.15.0019 (100 m), 21.15.0020 (300 m)
ROLINE Cat.5e Flush/Surface Mount Wall Jack, shielded: 25.16.8487 (white), 25.16.8486 (ivory)/25.16.8387 (white), 25.16.8386 (ivory)
ROLINE Cat.5e 19" Patch Panel, 24 Ports, shielded: 26.11.0329 (light grey), 26.11.0328 (black)
ROLINE Cat.5e S/FTP Patch Cord, grey, 5 m: 21.15.0305

Our in-house laboratory has tested this cable-plug combination, in a Channel of 100 meters, in compliance with Class D specifications.

**Note: Solid Wire - CPR Class $E_{ca}$**







| | Order-No. – P.U. |
|---|---|
| ROLINE S/FTP Cable Cat.5e / Cl. D, Solid Wire, 100 m | 21.15.0019 – 2 |
| ROLINE S/FTP Cable Cat.5e / Cl. D, Solid Wire, 300 m | 21.15.0020 – 1 |
| ROLINE S/FTP Cable Cat.5e / Cl. D, Stranded Wire, 100 m | 21.15.0319 – 2 |
| ROLINE S/FTP Cable Cat.5e / Cl. D, Stranded Wire, 300 m | 21.15.0321 – 1 |

## VALUE UTP Cable Cat.6 / Cl. E

CPR Class $E_{ca}$

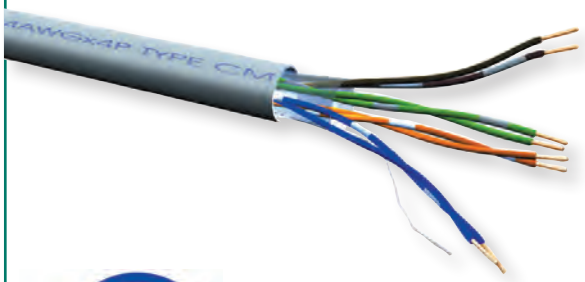
- Structured building cabling
- Impedance: 100 Ohm
- Colour: Grey
- Construction: 8 lines, copper, solid wire AWG24

**For a structured cabling system we recommend to use the following components:**

VALUE Cat.6 UTP Cable, Solid Wire, AWG24, 300 m: 21.99.0995
VALUE Cat.6 Flush/Surface Mount Wall Jack, unshielded, white: 25.99.8494/25.99.8394
VALUE Cat.6 19" Patch Panel, 24 Ports, unshielded: 26.99.0351 (black), 26.99.0352 (grey)
VALUE Cat.6 UTP Patch Cord, grey, 5 m: 21.99.0905

Our in-house laboratory has tested this cable-plug combination, in a Channel of 100 meters, in compliance with Class E specifications.

**Note: Solid Wire - CPR Class $E_{ca}$**



| | Order-No. – P.U. |
|---|---|
| VALUE UTP Cable Cat.6 / Cl. E, Solid Wire, AWG24, 300 m | 21.99.0995 – 2 |

## VALUE UTP Cable Cat.6 / Cl. E

CPR Class $D_{ca}$

- Structured building wiring
- Impedance: 100 Ohm
- Colour: Grey
- Construction: 8 lines, copper, solid wire AWG24

The Euroclass table defines seven different classes of performance ($A_{ca}$, $B1_{ca}$, $B2_{ca}$, $C_{ca}$, $D_{ca}$, $E_{ca}$ and $F_{ca}$) on the basis of their reaction to fire performance, such as heat emission and flame propagation. These are the main classification criteria, but additional criteria apply only to and are taken into account for classes $B1_{ca}$, $B2_{ca}$, $C_{ca}$ and $D_{ca}$ like:
- s: smoke production from s1a (visibility better than 80%) to s3 (very low visibility)
- d: flaming droplets from d0 (no flaming droplets) to d2 (no requirements)
- a: acidity of emissions from a1 (very low corrosiveness) to a3 (no requirements)

**For a structured cabling system we recommend to use the following components:**

VALUE Cat.6 UTP Cable, Solid Wire, AWG23, 100 m: 21.99.0996
VALUE Cat.6 Flush/Surface Mount Wall Jack, unshielded, white: 25.99.8494/25.99.8394
VALUE Cat.6 19" Patch Panel, 24 Ports, unshielded: 26.99.0351 (black), 26.99.0352 (grey)
VALUE Cat.6 UTP Patch Cord, grey, 5 m: 21.99.0905

Our in-house laboratory has tested this cable-plug combination, in a Channel of 100 meters, in compliance with Class E specifications.

**Note: Solid Wire - CPR Class $D_{ca}$**

- **$D_{ca}$: s2, d1, a1**



NEW

| | Order-No. – P.U. |
|---|---|
| VALUE UTP Cable Cat.6 / Cl. E, Solid Wire, DCa, 100 m | 21.99.0996 – 4 |

## ROLINE UTP Cable Cat.6 / Cl. E

CPR Class $E_{ca}$

- Structured building cabling
- Impedance: 100 Ohm
- Colour: Grey
- Construction: 8 lines, copper, solid wire

** Halogenfree Flame retardant Low Smoke*

**For a structured cabling system we recommend to use the following components:**
ROLINE Cat.6 UTP Cable, Solid Wire, AWG23: 21.15.0990 (100 m), 21.15.0991 (300 m)
ROLINE Cat.6 Flush Mount Wall Jack, unshielded: 25.16.8494 (white), 25.16.8500 (ivory)
ROLINE Cat.6 Surface Mount Wall Jack, unshielded: 25.16.8394 (white), 25.16.8395 (ivory)
ROLINE Cat.6 19" Patch Panel, 24 Ports, unshielded: 26.11.0355 (light grey), 26.11.0362 (black), ROLINE Cat.6 UTP Patch Cord, grey, 5 m: 21.15.0935.
**The accredited German laboratory GHMT has tested and certified this product combination, in a Channel of 100 meters, as being compliant to Class E specifications; certificate no. z2329b-10-E (with flush mount)/z2330b-10-E (with surface mount).**

**Note: Solid Wire - CPR Class $E_{ca}$**



| | Order-No. – P.U. |
|---|---|
| ROLINE UTP Cable Cat.6 / Cl. E, Solid Wire, AWG23, 100 m | 21.15.0990 – 1 |
| ROLINE UTP Cable Cat.6 / Cl. E, Solid Wire, AWG23, 300 m | 21.15.0991 – 1 |
| ROLINE UTP Cable Cat.6 / Cl. E, Stranded, AWG23, 300 m | 21.15.0992 – 1 |
| ROLINE UTP Cable Cat.6 / Cl. E, Solid Wire, AWG24, 300m, **halogen-free*** | 21.15.1789 – 1 |

## VALUE S/FTP (PiMF) Cable Cat.6 / Cl. E

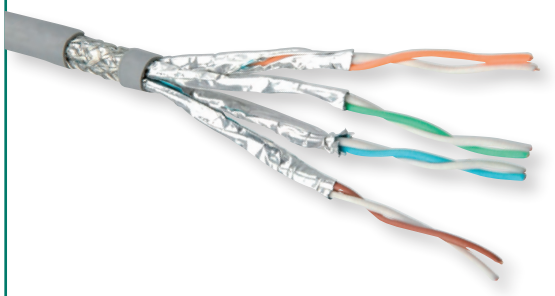
CPR Class $E_{ca}$

- Structured building cabling
- Impedance: 100 Ohm
- Colour: Grey
- Construction:
- 8 lines, solid copper wire, AWG23
- pairs shielded with aluminium foil
- complete shielding in tinned copper braid

**For a structured cabling system we recommend to use the following components:**
21.99.0892 VALUE S/FTP Cat 6/Class E solid wire installation cable
25.99.8392/25.99.8492 VALUE Cat.6/Class E Surface / flush box
26.99.0353/26.99.0354 VALUE Cat.6/Class E 19" Patch Panel, black/grey
21.99.0805 VALUE S/FTP Patch Cable Cat.6, 5m

This product combination has been measured in our own laboratory in the Channel of 100 meters, in compliance with Class E specifications

**Note: Solid Wire - CPR Class $E_{ca}$**



| | Order-No. – P.U. |
|---|---|
| VALUE S/FTP-(PiMF) Cable Cat.6 / Cl. E, Solid Wire, 300 m | 21.99.0892 – 1 |

## ROLINE S/FTP-(PiMF) Cable Cat.6/Cl. E

CPR Class $E_{ca}$

- Structured building cabling
- Impedance: 100 Ohm
- Colour: Grey
- Construction:
- 8 lines, solid copper wire, AWG23
- pairs shielded with aluminium foil
- complete shielding in tinned copper braid

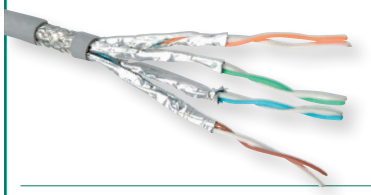
**Note: Solid Wire - CPR Class $E_{ca}$**

**For a structured cabling system we recommend to use the following components:**
ROLINE Cat.6 S/FTP Cable, Solid Wire, AWG23: 21.15.0890 (100 m), 21.15.0891 (300 m)
ROLINE Cat.6 Flush Mount Wall Jack, shielded: 25.16.8492 (white), 25.16.8493 (ivory)
ROLINE Cat.6 Surface Mount Wall Jack, shielded: 25.16.8392 (white), 25.16.8393 (ivory)
ROLINE Cat.6 19" Patch Panel, 24 Ports, shielded: 26.11.0351 (light grey), 26.11.0361 (black), ROLINE Cat.6 S/FTP Patch Cord, grey, 5 m: 21.15.0835.
**The accredited German laboratory GHMT has tested and certified this product combination, in a Channel of 100 meters, as being compliant to Class E specifications; certificate no. z2365b-10-E (with flush mount)/ z2364b-10-E (with surface mount).**

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GHMT



| | Order-No. – P.U. |
|---|---|
| ROLINE S/FTP-(PiMF) Cable Cat.6/Cl. E, Solid Wire, AWG 23, 100 m | 21.15.0890 – 2 |
| ROLINE S/FTP-(PiMF) Cable Cat.6/Cl. E, Solid Wire, AWG 23, 300 m | 21.15.0891 – 1 |
| ROLINE S/FTP-(PiMF) Cable Cat.6/Cl. E, Stranded, AWG 23, 300 m | 21.15.0892 – 1 |
| ROLINE S/FTP-(PiMF) Cable Cat.6/Cl. E, Solid Wire, AWG 23, 300m, **halogen-free*** | 21.15.1889 – 1 |

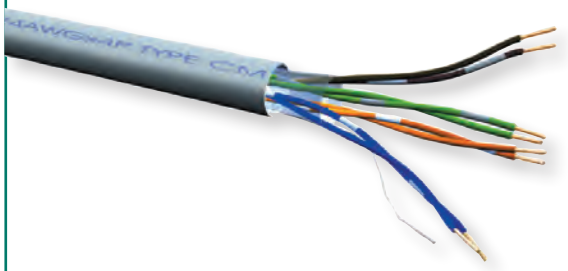
## VALUE UTP Cable Cat.6A / Cl. EA

CPR Class $E_{ca}$

- Cable for structured building cabling
- 300 meter/box
- Impedance: 100 Ohm
- Construction:
  - 8 lines, solid copper wire
- Colour: grey

**For a structured unshielded cabling system Cat.6A we recommend to use the following components:**
VALUE Cat.6A UTP Cable, Solid Wire: 21.99.1685(300m)
Flush Mount Wall Jack for Keystones, 2-port: 25.16.8579
ROLINE Cat.6 Keystone, RJ45, unshielded: 26.11.0337
19" Keystone Patch Panel, 24 Ports, unshielded: 26.11.0358 (black)/26.11.0357 (grey)
VALUE Cat.6A UTP Patch Cord, grey, 5 m: 21.99.0875

**Note: Solid Wire - CPR Class $E_{ca}$**



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| | Order-No. – P.U. |
|---|---|
| VALUE UTP Cable Cat.6A / Cl. EA, Solid Wire, 300 m | 21.99.1685 – 2 |

## ROLINE UTP Cable Cat.6A / Cl. EA

CPR Class $E_{ca}$

- Cables for structured building cabling, data rates up to 10 Gbit/s
- 100 or 300 meter/box
- Impedance: 100 Ohm
- Construction:
  - 8 lines, solid copper wire
- Colour: grey

**Note: Solid Wire - CPR Class $E_{ca}$**

**For a structured unshielded cabling system Cat.6A we recommend to use the following components:**
ROLINE Cat.6A UTP Cable, Solid Wire: 21.15.1685(300m)
Flush Mount Wall Jack for Keystones, 2-port: 25.16.8579
ROLINE Cat.6 Keystone, RJ45, unshielded: 26.11.0337
19" Keystone Patch Panel, 24 Ports, unshielded: 26.11.0356/26.11.0357
ROLINE Cat.6A UTP Patch Cord, grey, 5 m: 21.15.1665



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| | Order-No. – P.U. |
|---|---|
| ROLINE UTP Cable Cat.6A / Cl. EA, Solid Wire, 100 m | 21.15.1684 – 4 |
| ROLINE UTP Cable Cat.6A / Cl. EA, Solid Wire, LSOH, 100 m | 21.15.1686 – 4 |
| ROLINE UTP Cable Cat.6A / Cl. EA, Solid Wire, 300 m | 21.15.1685 – 2 |
| ROLINE UTP Cable Cat.6A / Cl. EA, Solid Wire, LSOH, 300 m | 21.15.1687 – 2 |
| ROLINE UTP Cable Cat.6A / Cl. EA, Stranded, 300 m | 21.15.1682 – 1 |

## VALUE UTP Cable Cat.6A / Cl. EA

CPR Class $D_{ca}$

- Cable for structured building cabling
- 300 meter/box
- Impedance: 100 Ohm
- Construction:
  - 8 lines, solid copper wire
- Colour: grey

The Euroclass table defines seven different classes of performance ($A_{ca}$, $B1_{ca}$, $B2_{ca}$, $C_{ca}$, $D_{ca}$, $E_{ca}$ and $F_{ca}$) on the basis of their reaction to fire performance, such as heat emission and flame propagation. These are the main classification criteria, but additional criteria apply only to and are taken into account for classes $B1_{ca}$, $B2_{ca}$, $C_{ca}$ and $D_{ca}$ like:
- s: smoke production from s1a (visibility better than 80%) to s3 (very low visibility)
- d: flaming droplets from d0 (no flaming droplets) to d2 (no requirements)
- a: acidity of emissions from a1 (very low corrosiveness) to a3 (no requirements)

**For a structured unshielded cabling system Cat.6a we recommend to use the following components:**
VALUE Cat.6a UTP Cable, Solid Wire: 21.99.1686 (100m)
Flush Mount Wall Jack for Keystones, 2-port: 25.16.8579
ROLINE Cat.6 Keystone, RJ45, unshielded: 26.11.0337
19" Keystone Patch Panel, 24 Ports, unshielded: 26.11.0358 (black)/26.11.0357 (grey)
VALUE Cat.6a UTP Patch Cord, grey, 5 m: 21.99.0875

**Note: Solid Wire - CPR Class $D_{ca}$**

- **$D_{ca}$: s2, d1, a1**



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| | Order-No. – P.U. |
|---|---|
| VALUE UTP Cable Cat.6A / Cl. EA, Solid Wire, $D_{Ca}$, 100 m | 21.99.1686 – 4 |

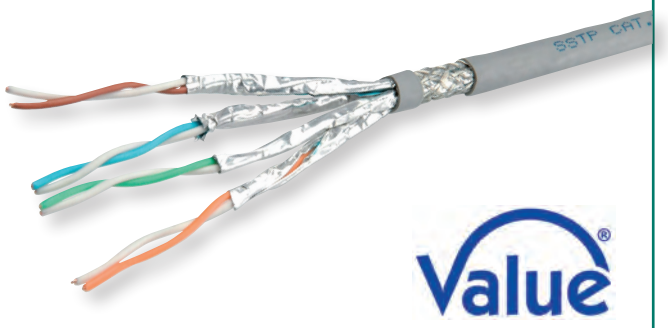
## VALUE S/FTP (PiMF) Cable Cat.6A / Cl. EA

CPR Class $E_{ca}$

- Cable for structured building cabling
- 300 meter / box
- Impedance: 100 Ohm
- Construction:
  - 8 lines, solid copper wire, AWG23
  - pairs shielded with aluminium foil
  - complete shielding in tinned copper braid
- Colour: grey

**Note: Solid Wire - CPR Class $E_{ca}$**

**For a structured Cat. 6A S/FTP Cabling we recommend to use the following components:**
The following products combination has been tested:
21.99.0884 VALUE S/FTP Cable, Cat. 6A, Solid Wire
25.16.8484 Surface Wall Mount Frame
25.16.8579 Flush Mount Wall Oulet for Keystones, 2port
26.99.0366 VALUE Cat.6A Keystone, RJ-45, shielded, toolless
26.11.0359/.0360 Keystone 19'' Module frame Cat.5/Cat.6/Cat.6A, 24 Ports, shielded grey/black
21.99.0865 VALUE S/FTP Patch Cord Cat.6A, grey, 5m




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| | Order-No. – P.U. |
|---|---|
| VALUE S/FTP (PiMF) Cable Cat.6A / Cl. EA, Solid Wire, 300 m | 21.99.0884 – 1 |

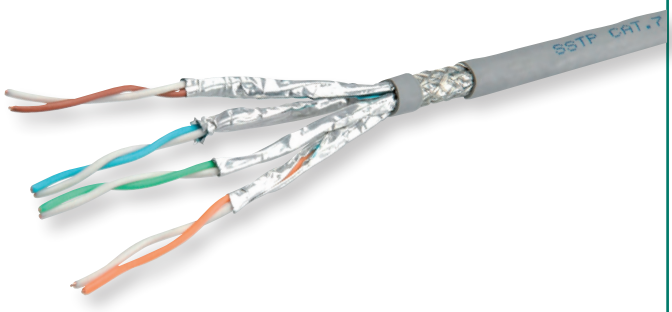
## ROLINE S/FTP (PiMF) Cable Cat.6A / Cl. EA

CPR Class $E_{ca}$

- Cable for structured building cabling
- 300 meter / box ; 100 meter as coil
- Impedance: 100 Ohm
- Construction:
  - 8 lines, solid copper wire, AWG23
  - pairs shielded with aluminium foil
  - complete shielding in tinned copper braid
- Colour: grey

**Note: Solid Wire - CPR Class $E_{ca}$**

**For a structured Cat. 6A S/FTP Cabling we recommend to use the following components:**
21.15.0883 ROLINE S/FTP Cable, Cat. 6A, Solid Wire, AWG23
25.16.8579 Flush Mount Wall Oulet for Keystones, 2-port
26.11.0367 ROLINE Cat. 6A Keystone, RJ-45, Shielded, Silver
26.11.0359/.0360 ROLINE Patchpanel for Keystones 19", 24x
21.15.0865 ROLINE S/FTP Patch Cable Cat. 6A, Grey




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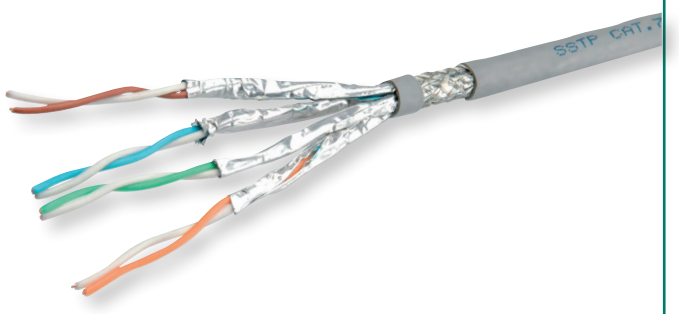
| | Order-No. – P.U. |
|---|---|
| ROLINE S/FTP (PiMF) Cable Cat.6A / Cl. EA, Solid Wire, **LSOH**, 100 m | 21.15.0883 – 4 |
| ROLINE S/FTP (PiMF) Cable Cat.6A / Cl. EA, Solid Wire, **LSOH**, 300 m | 21.15.0884 – 1 |
| ROLINE S/FTP (PiMF) Cable Cat.6A / Cl. EA, Stranded, 300 m | 21.15.0882 – 1 |

## ROLINE S/FTP (PiMF) Cable Cat.7 / Cl. F

CPR Class $E_{ca}$

- Cable for structured building cabling
- Impedance: 100 Ohm
- 100 meter as coil / 300 meter as box
- 3P certified
- Construction: 8 lines, solid copper wire, AWG23 / Pairs shielded with aluminium foil / Complete shielding in copper braid

**Note: Solid Wire - CPR Class $E_{ca}$**




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| | Order-No. – P.U. |
|---|---|
| ROLINE S/FTP (PiMF) Cable Cat.7 / Cl. F, Solid Wire, 100m | 21.15.0001 – 5 |
| ROLINE S/FTP (PiMF) Cable Cat.7 / Cl. F, Solid Wire, 300m | 21.15.0003 – 1 |
| ROLINE S/FTP (PiMF) Cable Cat.7 / Cl. F, Solid Wire, **LSOH**, 100 m | 21.15.0002 – 2 |
| ROLINE S/FTP (PiMF) Cable Cat.7 / Cl. F, Solid Wire, **LSOH**, 300 m | 21.15.0004 – 1 |

## VALUE S/FTP Cable Cat.7 / Cl. F

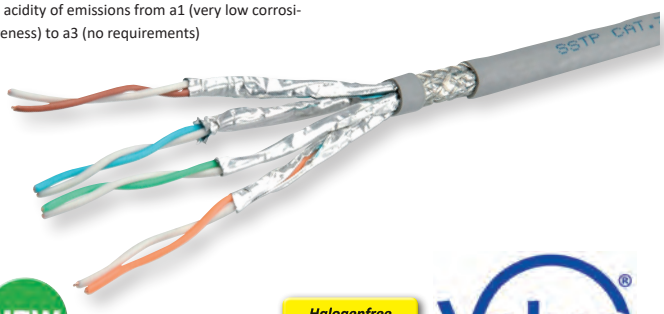
CPR Class $D_{ca}$

- Cable for structured building cabling
- 100 meter / box
- Impedance: 100 Ohm
- Construction:
- 8 lines, solid copper wire, AWG23
- pairs shielded with aluminium foil
- complete shielding in tinned copper braid
- Colour: grey

The Euroclass table defines seven different classes of performance ($A_{ca}$, $B1_{ca}$, $B2_{ca}$, $C_{ca}$, $D_{ca}$, $E_{ca}$ and $F_{ca}$) on the basis of their reaction to fire performance, such as heat emission and flame propagation. These are the main classification criteria, but additional criteria apply only to and are taken into account for classes $B1_{ca}$, $B2_{ca}$, $C_{ca}$ and $D_{ca}$ like:
- s: smoke production from s1a (visibility better than 80%) to s3 (very low visibility)
- d: flaming droplets from d0 (no flaming droplets) to d2 (no requirements)
- a: acidity of emissions from a1 (very low corrosiveness) to a3 (no requirements)

**For a structured Cat. 6a S/FTP Cabling we recommend to use the following components:**
The following products combination has been tested:
21.99.0885 VALUE S/FTP Cable, Cat. 7, Solid Wire
25.16.8484 Surface Wall Mount Frame
25.16.8579 Flush Mount Wall Oulet for Keystones, 2port
26.99.0366 VALUE Cat.6a Keystone, RJ-45, shielded, toolless
26.11.0359/.0360 Keystone 19'' Module frame Cat.5/Cat.6/Cat.6a, 24 Ports, shielded grey/black
21.99.0865 VALUE S/FTP Patch Cord Cat.6a, grey, 5m

**Note: Solid Wire - CPR Class $D_{ca}$**




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| | Order-No. – P.U. |
|---|---|
| VALUE S/FTP Cable Cat.7 / Cl. F (Class F), Solid Wire, DCa | 21.99.0885 – 4 |

## ROLINE UTP Patch Cord Cat.5e / Cl. D, Retractable

- For a fast network connection without any cable hassle, ideal for travellers
- Flat cable with two unshielded RJ-45 connectors
- In housing with auto-roll-extender, stretches out to a total length of 2 m
- Length scales in inches and centimetres printed on cable
- Cable colour: Black




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| | Order-No. – P.U. |
|---|---|
| ROLINE UTP Patch Cord Cat.5e / Cl. D, black, 2.0 m, Retractable | 21.15.0591 – 20 |

## VALUE UTP Patch Cord Cat.5e / Cl. D

Cat.5e Class D | U/UTP

- Prepared cable with unshielded RJ-45 plug on both ends (without coding) incl. kink protection.
- Connection cable for structured building cabling.
- Impedance: 100 Ohm.
- Contact settings 1:1 in accordance with EIA / TIA 568, 8 lines.
- Construction: internal line 8 wires

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| | Order-No. – P.U. |
|---|---|
| VALUE UTP Patch Cord Cat.5e / Cl. D, grey, 0.5 m | 21.99.0500 – 250 |
| VALUE UTP Patch Cord Cat.5e / Cl. D, grey, 1.0 m | 21.99.0501 – 200 |
| VALUE UTP Patch Cord Cat.5e / Cl. D, grey, 2.0 m | 21.99.0502 – 150 |
| VALUE UTP Patch Cord Cat.5e / Cl. D, grey, 3.0 m | 21.99.0503 – 100 |
| VALUE UTP Patch Cord Cat.5e / Cl. D, grey, 5.0 m | 21.99.0505 – 70 |
| VALUE UTP Patch Cord Cat.5e / Cl. D, grey, 7.0 m | 21.99.0507 – 50 |
| VALUE UTP Patch Cord Cat.5e / Cl. D, grey, 10.0 m | 21.99.0510 – 40 |
| VALUE UTP Patch Cord Cat.5e / Cl. D, grey, 15.0 m | 21.99.0515 – 25 |
| VALUE UTP Patch Cord Cat.5e / Cl. D, grey, 20.0 m | 21.99.0520 – 20 |

## ROLINE UTP Patch Cord Cat.5e / Cl. D

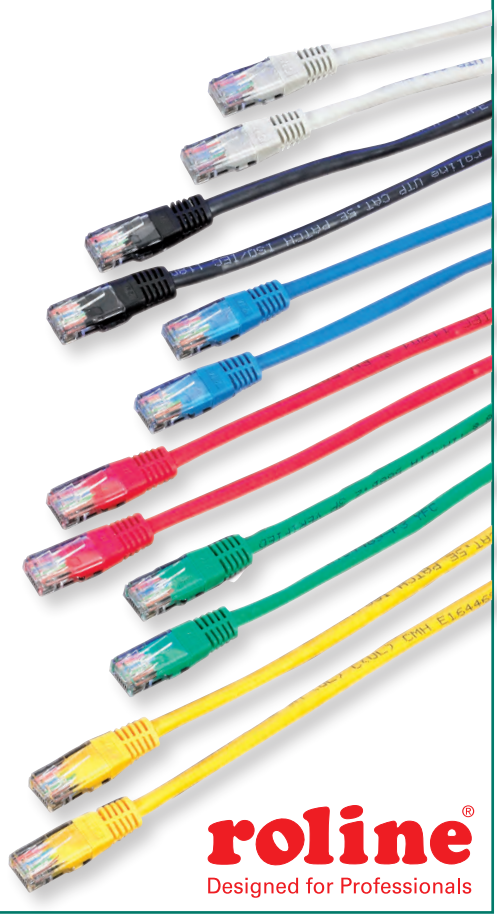
Cat.5e Class D | U/UTP

- Patch cable for networking connections between devices.
- Prepared unshielded Twisted Pair cable with RJ-45 connectors on both ends. Durable due to moulded kink protection.
- Flexible cable, suitable for narrow bending. High quality plugs with gold plated contacts.
- Contact settings 1:1, in accordance with the EIA/TIA 568 standard.
- Construction: 4-pair stranded copper wire.



**For a structured cabling system we recommend to use the following components:**
ROLINE Cat.5e UTP Cable, Solid Wire, AWG24: 21.15.0512 (100 m), 21.15.0511 (300 m);
ROLINE Cat.5e Flush/Surface Mount Wall Jack, unshielded: 25.16.8506 (white), 25.16.8501 (ivory) / 25.16.8406 (white), 25.16.8401 (ivory);
ROLINE Cat.5e 19" Patch Panel, 24 Ports, unshielded: 26.11.0349 (black), 26.11.0347 (light grey);
ROLINE Cat.5e UTP Patch Cord, grey, 5 m: 21.15.0505.

Our in-house laboratory has tested this cable-plug combination, in a Channel of 100 meters, in compliance with Class D specifications.



| Length | grey | red | yellow | green | blue | black | – P.U. |
|---|---|---|---|---|---|---|---|
| 0.5 m | 21.15.0500 | 21.15.0521 | 21.15.0522 | 21.15.0523 | 21.15.0524 | 21.15.0525 | – 100 |
| 1 m | 21.15.0501 | 21.15.0531 | 21.15.0532 | 21.15.0533 | 21.15.0534 | 21.15.0535 | – 100 |
| 2 m | 21.15.0502 | 21.15.0541 | 21.15.0542 | 21.15.0543 | 21.15.0544 | 21.15.0545 | – 100 |
| 3 m | 21.15.0503 | 21.15.0551 | 21.15.0552 | 21.15.0553 | 21.15.0554 | 21.15.0555 | – 50 |
| 5 m | 21.15.0505 | 21.15.0561 | 21.15.0562 | 21.15.0563 | 21.15.0564 | 21.15.0565 | – 50 |
| 7 m | 21.15.0507 | | | | | | – 50 |
| 10 m | 21.15.0510 | 21.15.0421 | 21.15.0422 | 21.15.0423 | 21.15.0424 | 21.15.0425 | – 40 |
| 15 m | 21.15.0515 | 21.15.0431 | 21.15.0432 | 21.15.0433 | 21.15.0434 | 21.15.0435 | – 30 |
| 20 m | 21.15.0519 | 21.15.0441 | 21.15.0442 | 21.15.0443 | 21.15.0444 | 21.15.0445 | – 20 |

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## VALUE FTP Patch Cord Cat.5e / Cl. D

Cat.5e Class D | F/UTP

- Prepared cable with screened RJ-45 plug on both ends (without coding) incl. kink protection.
- Connection cable for structured building cabling.
- Impedance: 100 Ohm.
- Contact settings 1:1 in accordance with EIA / TIA 568, 8 lines.
- Construction: Internal line 8 wires. Complete screening: aluminium laminated foil
- Colour: grey



| | Order-No. – P.U. |
|---|---|
| VALUE FTP Patch Cord Cat.5e / Cl. D, grey, 0.5 m | 21.99.0100 – 250 |
| VALUE FTP Patch Cord Cat.5e / Cl. D, grey, 1.0 m | 21.99.0101 – 200 |
| VALUE FTP Patch Cord Cat.5e / Cl. D, grey, 2.0 m | 21.99.0102 – 150 |
| VALUE FTP Patch Cord Cat.5e / Cl. D, grey, 3.0 m | 21.99.0103 – 100 |
| VALUE FTP Patch Cord Cat.5e / Cl. D, grey, 5.0 m | 21.99.0105 – 70 |
| VALUE FTP Patch Cord Cat.5e / Cl. D, grey, 7.0 m | 21.99.0107 – 50 |
| VALUE FTP Patch Cord Cat.5e / Cl. D, grey, 10.0 m | 21.99.0110 – 40 |
| VALUE FTP Patch Cord Cat.5e / Cl. D, grey, 15.0 m | 21.99.0115 – 25 |
| VALUE FTP Patch Cord Cat.5e / Cl. D, grey, 20.0 m | 21.99.0120 – 20 |

## ROLINE FTP Patch Cord Cat.5e / Cl. D, crossover / Adapter

Cat.5e Class D | F/UTP

**21.15.0203**
- Prepared cable with shielded RJ-45 connectors on both ends, incl. kink protection
- Crossed version for special applications such as the cascading of hubs/switches or for the direct connection between two PCs
- Construction: 8 wires copper; complete shielding aluminium laminated foil
- Colours (cable and connectors): Grey

**21.17.3077**
- Converts each patch cable into a crossover patch cable, which is necessary for special applications such as cascading of hubs / switches or for the direct connection of two PCs
- S/FTP version, shielded, also used for UTP applications
- Cat 5e compliant, Gigabit compatible
- Suitable for 10/100/1000Base-T applications
- Crossover assignment pairs (pair 1,2 with 3,6)
- Dimensions: 45 x 20 x 18 mm



| | Order-No. – P.U. |
|---|---|
| ROLINE FTP Patch Cord Cat.5e / Cl. D, crossover, grey, 3 m | 21.15.0203 – 50 |
| ROLINE RJ45 Crossover Adapter STP, Cat.5e / Cl. D | 21.17.3077 – 50 |

## ROLINE FTP Patch Cord Cat.5e / Cl. D

Cat.5e Class D | F/UTP

- Patch cable for networking connections between devices. Prepared double shielded Twisted Pair cable with screened RJ-45 connectors on both ends. Durable due to moulded kink protection.
- Flexible cable, suitable for narrow bending. High quality plugs with gold plated contacts.
- Contact settings 1:1, in accordance with the EIA/TIA 568 standard.
- Construction: 4-pair stranded copper wire. Complete shielding with aluminium clad polyester foil.

**For a structured cabling system we recommend to use the following components:**
ROLINE Cat.5e FTP Cable, Solid Wire, AWG24: 21.15.0009 (100 m), 21.15.0010 (300 m);
ROLINE Cat.5e Flush/Surface Mount Wall Jack, shielded: 25.16.8487 (white), 25.16.8486 (ivory)/25.16.8387 (white), 25.16.8386 (ivory),
ROLINE Cat.5e 19" Patch Panel, 24 Ports, shielded: 26.11.0329 (light grey), 26.11.0328 (black);
ROLINE Cat.5e FTP Patch Cord, grey, 5 m: 21.15.0105.

Our in-house laboratory has tested this cable-plug combination, in a Channel of 100 meters, in compliance with Class D specifications.





| Length | grey | red | yellow | green | blue | black | – P.U. |
|---|---|---|---|---|---|---|---|
| 0.5 m | 21.15.0100 | 21.15.0181 | 21.15.0182 | 21.15.0183 | 21.15.0184 | 21.15.0185 | – 100 |
| 1 m | 21.15.0101 | 21.15.0131 | 21.15.0132 | 21.15.0133 | 21.15.0134 | 21.15.0135 | – 100 |
| 2 m | 21.15.0102 | 21.15.0141 | 21.15.0142 | 21.15.0143 | 21.15.0144 | 21.15.0145 | – 100 |
| 3 m | 21.15.0103 | 21.15.0151 | 21.15.0152 | 21.15.0153 | 21.15.0154 | 21.15.0155 | – 50 |
| 5 m | 21.15.0105 | 21.15.0161 | 21.15.0162 | 21.15.0163 | 21.15.0164 | 21.15.0165 | – 50 |
| 7 m | 21.15.0107 | | | | | | – 50 |
| 10 m | 21.15.0110 | 21.15.0451 | 21.15.0452 | 21.15.0453 | 21.15.0454 | 21.15.0455 | – 40 |
| 15 m | 21.15.0115 | 21.15.0461 | 21.15.0462 | 21.15.0463 | 21.15.0464 | 21.15.0465 | – 30 |
| 20 m | 21.15.0120 | 21.15.0471 | 21.15.0472 | 21.15.0473 | 21.15.0474 | 21.15.0475 | – 20 |

## VALUE S/FTP Patch Cord Cat.5e / Cl. D

Cat.5e Class D | SF/UTP

- Prepared cable with screened RJ-45 plug on both ends incl. kink protection
- Connection cable for a structured building cabling
- Impedance: 100 Ohm
- Contact settings 1:1 in accordance with EIA/TIA568
- Construction: Internal line 8 wires copper wire
- Complete screening aluminium laminated foil with additional braided shield




| | Order-No. | – P.U. |
|---|---|---|
| VALUE S/FTP Patch Cord Cat.5e / Cl. D, grey, 0.5 m | 21.99.0300 | – 250 |
| VALUE S/FTP Patch Cord Cat.5e / Cl. D, grey, 1.0 m | 21.99.0301 | – 200 |
| VALUE S/FTP Patch Cord Cat.5e / Cl. D, grey, 2.0 m | 21.99.0302 | – 150 |
| VALUE S/FTP Patch Cord Cat.5e / Cl. D, grey, 3.0 m | 21.99.0303 | – 100 |
| VALUE S/FTP Patch Cord Cat.5e / Cl. D, grey, 5.0 m | 21.99.0305 | – 70 |
| VALUE S/FTP Patch Cord Cat.5e / Cl. D, grey, 7.0 m | 21.99.0307 | – 50 |
| VALUE S/FTP Patch Cord Cat.5e / Cl. D, grey, 10.0 m | 21.99.0310 | – 40 |
| VALUE S/FTP Patch Cord Cat.5e / Cl. D, grey, 15.0 m | 21.99.0315 | – 25 |
| VALUE S/FTP Patch Cord Cat.5e / Cl. D, grey, 20.0 m | 21.99.0320 | – 20 |

## ROLINE S/FTP Patch Cord Cat.5e / Cl. D

Cat.5e Class D | SF/UTP

- Patch cable for networking connections between devices.
- Prepared double shielded Twisted Pair cable with screened RJ-45 connectors on both ends. Durable due to moulded kink protection.
- Flexible cable, suitable for narrow bending. High quality plugs with gold plated contacts.
- Contact settings 1:1, in accordance with the EIA/TIA 568 standard.
- Construction: 4-pair stranded copper wire.
- Complete braid shielding and aluminium clad polyester foil.

**For a structured cabling system we recommend to use the following components:**
ROLINE Cat.5e S/FTP Cable, Solid Wire, AWG24:
21.15.0019 (100 m), 21.15.0020 (300 m);
ROLINE Cat.5e Flush/Surface Mount Wall Jack, shielded: 25.16.8487 (white), 25.16.8486 (ivory)/25.16.8387 (white), 25.16.8386 (ivory); ROLINE Cat.5e 19" Patch Panel, 24 Ports, shielded: 26.11.0329 (light grey), 26.11.0328 (black);
ROLINE Cat.5e S/FTP Patch Cord, grey, 5 m: 21.15.0305.

Our in-house laboratory has tested this cable-plug combination, in a Channel of 100 meters, in compliance with Class D specifications.



| Length | grey | red | yellow | green | blue | black | – P.U. |
|---|---|---|---|---|---|---|---|
| 0.5 m | 21.15.0300 | 21.15.0381 | 21.15.0382 | 21.15.0383 | 21.15.0384 | 21.15.0385 | – 100 |
| 1 m | 21.15.0301 | 21.15.0331 | 21.15.0332 | 21.15.0333 | 21.15.0334 | 21.15.0335 | – 100 |
| 2 m | 21.15.0302 | 21.15.0341 | 21.15.0342 | 21.15.0343 | 21.15.0344 | 21.15.0345 | – 100 |
| 3 m | 21.15.0303 | 21.15.0351 | 21.15.0352 | 21.15.0353 | 21.15.0354 | 21.15.0355 | – 50 |
| 5 m | 21.15.0305 | 21.15.0361 | 21.15.0362 | 21.15.0363 | 21.15.0364 | 21.15.0365 | – 50 |
| 7 m | 21.15.0307 | | | | | | – 50 |
| 10 m | 21.15.0310 | 21.15.0721 | 21.15.0722 | 21.15.0723 | 21.15.0724 | 21.15.0725 | – 40 |
| 15 m | 21.15.0315 | 21.15.0731 | 21.15.0732 | 21.15.0733 | 21.15.0734 | 21.15.0735 | – 30 |
| 20 m | 21.15.0320 | 21.15.0741 | 21.15.0742 | 21.15.0743 | 21.15.0744 | 21.15.0745 | – 20 |

## VALUE UTP Patch Cord, Cat.6 / Cl. E

Cat.6 Class E | U/UTP





- Patch cable for networking connections between devices.
- Prepared unshielded Twisted Pair cable with RJ-45 connectors on both ends.
- Durable due to moulded kink protection.
- Flexible cable, suitable for narrow bending.
- Plugs with gold plated contacts.
- Contact settings 1:1, in accordance with the EIA/TIA 568 standard
- Construction: 4-pair stranded wire.

**For a structured cabling system we recommend to use the following components:**
VALUE Cat.6 UTP Cable, Solid Wire, AWG24, 300 m: 21.99.0995.
VALUE Cat.6 Flush/Surface Mount Wall Jack, unshielded, white: 25.99.8494/25.99.8394;
VALUE Cat.6 19" Patch Panel, 24 Ports, unshielded: 26.99.0351 (black), 26.99.0352 (grey);
VALUE Cat.6 UTP Patch Cord, grey, 5 m: 21.99.0905.

Our in-house laboratory has tested this cable-plug combination, in a Channel of 100 meters, in compliance with Class E specifications.

| Length | grey | red | yellow | green | blue | black | white | – P.U. |
|---|---|---|---|---|---|---|---|---|
| 0.5 m | 21.99.0900 | 21.99.1521 | 21.99.1522 | 21.99.1523 | 21.99.1524 | 21.99.1525 | 21.99.1526 | – 250 |
| 1 m | 21.99.0901 | 21.99.1531 | 21.99.1532 | 21.99.1533 | 21.99.1534 | 21.99.1535 | 21.99.1536 | – 200 |
| 1.5 m | 21.99.0950 | 21.99.0951 | 21.99.0952 | 21.99.0953 | 21.99.0954 | 21.99.0955 | 21.99.0956 | – 150 |
| 2 m | 21.99.0902 | 21.99.1541 | 21.99.1542 | 21.99.1543 | 21.99.1544 | 21.99.1545 | 21.99.1546 | – 150 |
| 3 m | 21.99.0903 | 21.99.1551 | 21.99.1552 | 21.99.1553 | 21.99.1554 | 21.99.1555 | 21.99.1556 | – 100 |
| 5 m | 21.99.0905 | 21.99.1561 | 21.99.1562 | 21.99.1563 | 21.99.1564 | 21.99.1565 | 21.99.1566 | – 70 |
| 7 m | 21.99.0907 | 21.99.1571 | 21.99.1572 | 21.99.1573 | 21.99.1574 | 21.99.1575 | 21.99.1576 | – 50 |
| 10 m | 21.99.0910 | 21.99.1581 | 21.99.1582 | 21.99.1583 | 21.99.1584 | 21.99.1585 | 21.99.1586 | – 40 |

## VALUE UTP Cable Cat.6 / Cl. E, halogen-free

Cat.6 Class E | U/UTP






- Patch cable for networking connections between devices.
- Prepared unshielded Twisted Pair cable with RJ-45 connectors on both ends.
- Durable due to moulded kink protection.
- Flexible cable, suitable for narrow bending.
- High quality plugs with gold plated contacts.
- Contact settings 1:1, in accordance with the EIA/TIA 568 standard
- Construction: 4-pair stranded wire
- Halogen-free, flame retardant, low smoke.

**For a structured halogen-free cabling system we recommend to use the following components:**
ROLINE Cat.6 UTP Cable, Solid Wire, LSOH, 300 m: 21.15.1789
VALUE Cat.6 Flush/Surface Mount Wall Jack, unshielded, white: 25.99.8494/25.99.8394
VALUE Cat.6 19" Patch Panel, 24 Ports, unshielded: 26.99.0351 (black), 26.99.0352 (grey)
VALUE Cat.6 UTP Patch Cord, grey, LSOH: 21.99.0205

Our in-house laboratory has tested this cable-plug combination, in a Channel of 100 meters, in compliance with Class E specifications.

| Length | grey | red | yellow | green | blue | black | white | – P.U. |
|---|---|---|---|---|---|---|---|---|
| 0.5 m | 21.99.0200 | 21.99.1021 | 21.99.1022 | 21.99.1023 | 21.99.1024 | 21.99.1025 | 21.99.1026 | – 250 |
| 1 m | 21.99.0201 | 21.99.1031 | 21.99.1032 | 21.99.1033 | 21.99.1034 | 21.99.1035 | 21.99.1036 | – 200 |
| 1.5 m | 21.99.0250 | 21.99.0251 | 21.99.0252 | 21.99.0253 | 21.99.0254 | 21.99.0255 | 21.99.0256 | – 150 |
| 2 m | 21.99.0202 | 21.99.1041 | 21.99.1042 | 21.99.1043 | 21.99.1044 | 21.99.1045 | 21.99.1046 | – 150 |
| 3 m | 21.99.0203 | 21.99.1051 | 21.99.1052 | 21.99.1053 | 21.99.1054 | 21.99.1055 | 21.99.1056 | – 100 |
| 5 m | 21.99.0205 | 21.99.1061 | 21.99.1062 | 21.99.1063 | 21.99.1064 | 21.99.1065 | 21.99.1066 | – 70 |
| 7 m | 21.99.0207 | 21.99.1071 | 21.99.1072 | 21.99.1073 | 21.99.1074 | 21.99.1075 | 21.99.1076 | – 50 |
| 10 m | 21.99.0210 | 21.99.1081 | 21.99.1082 | 21.99.1083 | 21.99.1084 | 21.99.1085 | 21.99.1086 | – 40 |

## ROLINE UTP Patch Cord, Cat.6 / Cl. E

Cat.6 Class E | U/UTP

- Patch cable for networking connections between devices.
  Prepared unshielded Twisted Pair cable with RJ-45 connectors on both ends.
- Durable due to moulded kink protection.
- Flexible cable, suitable for narrow bending.
- High quality plugs with gold plated contacts.
- Contact settings 1:1, in accordance with the EIA/TIA 568 standard.
- Construction: 4-pair stranded copper wire.

**For a structured cabling system we recommend to use the following components:**
ROLINE Cat.6 UTP Cable, Solid Wire, AWG23: 21.15.0990 (100 m), 21.15.0991 (300 m); ROLINE Cat.6 Flush Mount Wall Jack, unshielded: 25.16.8494 (white), 25.16.8500 (ivory); ROLINE Cat.6 Surface Mount Wall Jack, unshielded: 25.16.8394 (white), 25.16.8395 (ivory); ROLINE Cat.6 19" Patch Panel, 24 Ports, unshielded: 26.11.0355 (light grey), 26.11.0362 (black); ROLINE Cat.6 UTP Patch Cord, grey, 5 m: 21.15.0935.

The accredited German laboratory GHMT has tested and certified this product combination, in a Channel of 100 meters, as being compliant to Class E specifications; certificate no. z2329b-10-E (with flush mount)/z2330b-10-E (with surface mount).



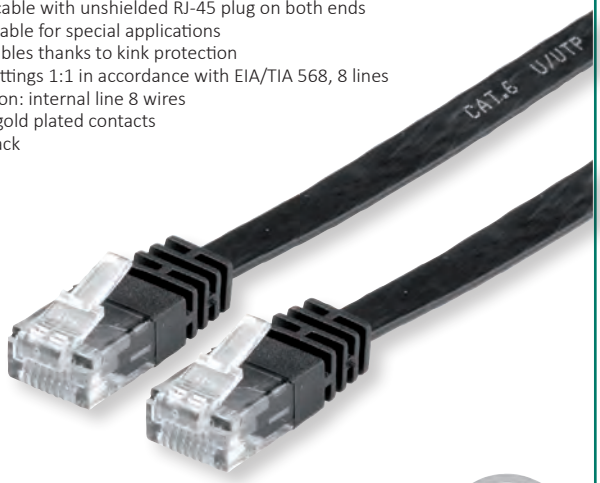
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| Length | grey | red | yellow | green | blue | black | white | orange | – P.U. |
|---|---|---|---|---|---|---|---|---|---|
| 0.3 m | 21.15.1510 | 21.15.1511 | 21.15.1512 | 21.15.1513 | 21.15.1514 | 21.15.1515 | 21.15.1516 | 21.15.1517 | – 50 |
| 0.5 m | 21.15.0930 | 21.15.1521 | 21.15.1522 | 21.15.1523 | 21.15.1524 | 21.15.1525 | 21.15.1526 | 21.15.1527 | – 100 |
| 1 m | 21.15.0931 | 21.15.1531 | 21.15.1532 | 21.15.1533 | 21.15.1534 | 21.15.1535 | 21.15.1536 | 21.15.1537 | – 100 |
| 1.5 m | 21.15.0923 | 21.15.0924 | 21.15.0925 | 21.15.0926 | 21.15.0927 | 21.15.0928 | 21.15.0929 | 21.15.0921 | – 100 |
| 2 m | 21.15.0932 | 21.15.1541 | 21.15.1542 | 21.15.1543 | 21.15.1544 | 21.15.1545 | 21.15.1546 | 21.15.1547 | – 100 |
| 3 m | 21.15.0933 | 21.15.1551 | 21.15.1552 | 21.15.1553 | 21.15.1554 | 21.15.1555 | 21.15.1556 | 21.15.1557 | – 50 |
| 5 m | 21.15.0935 | 21.15.1561 | 21.15.1562 | 21.15.1563 | 21.15.1564 | 21.15.1565 | 21.15.1566 | 21.15.1567 | – 50 |
| 7 m | 21.15.0937 | 21.15.1571 | 21.15.1572 | 21.15.1573 | 21.15.1574 | 21.15.1575 | 21.15.1576 | 21.15.1577 | – 50 |
| 10 m | 21.15.0940 | 21.15.1581 | 21.15.1582 | 21.15.1583 | 21.15.1584 | 21.15.1585 | 21.15.1586 | 21.15.1587 | – 40 |
| 15 m | 21.15.0945 | 21.15.1591 | 21.15.1592 | 21.15.1593 | 21.15.1594 | 21.15.1595 | 21.15.1596 | 21.15.1597 | – 30 |
| 20 m | 21.15.0950 | 21.15.1601 | 21.15.1602 | 21.15.1603 | 21.15.1604 | 21.15.1605 | 21.15.1606 | 21.15.1607 | – 20 |

## VALUE UTP Patch Cord, Cat.6 / Cl. E

Cat.6 Class E | U/UTP

- Prepared cable with unshielded RJ-45 plug on both ends
- Extra flat cable for special applications
- Durable cables thanks to kink protection
- Contact settings 1:1 in accordance with EIA/TIA 568, 8 lines
- Construction: internal line 8 wires
- Plug with gold plated contacts
- Colour: black



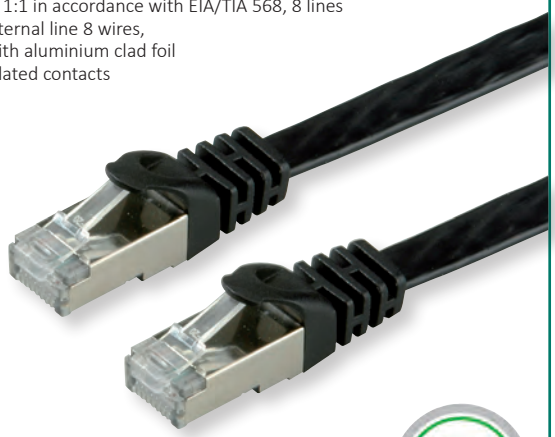

Value®

| | Order-No. | – P.U. |
|---|---|---|
| VALUE UTP Patch Cord, Cat.6 / Cl. E, extra-flat, black, 0.5 m | 21.99.0960 | – 40 |
| VALUE UTP Patch Cord, Cat.6 / Cl. E, extra-flat, black, 1.0 m | 21.99.0961 | – 40 |
| VALUE UTP Patch Cord, Cat.6 / Cl. E, extra-flat, black, 1.5 m | 21.99.0964 | – 40 |
| VALUE UTP Patch Cord, Cat.6 / Cl. E, extra-flat, black, 2.0 m | 21.99.0962 | – 40 |
| VALUE UTP Patch Cord, Cat.6 / Cl. E, extra-flat, black, 3.0 m | 21.99.0963 | – 40 |
| VALUE UTP Patch Cord, Cat.6 / Cl. E, extra-flat, black, 5.0 m | 21.99.0965 | – 40 |

## VALUE FTP Patch Cord, Cat.6 / Cl. E

Cat.6 Class E | F/UTP

- Prepared cable with shielded RJ-45 plug on both ends
- Durable cables thanks to kink protection
- Extra flat cable for special applications
- Contact settings 1:1 in accordance with EIA/TIA 568, 8 lines
- Construction: internal line 8 wires,
  pairs shielded with aluminium clad foil
- Plug with gold plated contacts
- Colour: black



Value®

| | Order-No. | – P.U. |
|---|---|---|
| VALUE FTP Patch Cord, Cat.6 / Cl. E, extra-flat, black, 0.5 m | 21.99.0970 | – 40 |
| VALUE FTP Patch Cord, Cat.6 / Cl. E, extra-flat, black, 1.0 m | 21.99.0971 | – 40 |
| VALUE FTP Patch Cord, Cat.6 / Cl. E, extra-flat, black, 1.5 m | 21.99.0974 | – 40 |
| VALUE FTP Patch Cord, Cat.6 / Cl. E, extra-flat, black, 2.0 m | 21.99.0972 | – 40 |
| VALUE FTP Patch Cord, Cat.6 / Cl. E, extra-flat, black, 3.0 m | 21.99.0973 | – 40 |
| VALUE FTP Patch Cord, Cat.6 / Cl. E, extra-flat, black, 5.0 m | 21.99.0975 | – 40 |

## VALUE S/FTP (PiMF) Patch Cord, Cat.6 / Cl. E

Cat.6 Class E | S/FTP

- Prepared shielded Twisted Pair cable with RJ-45 connectors on both sides. Used as patch cable in wiring cabinet or as direct connection cable between devices.
- Flexible cable suitable for narrow bending.
- Contact settings 1:1, according to EIA/TIA 568, 8 wires.
- Construction: 8 wires stranded copper wire, braid shield. Pairs shielded with aluminium clad polyester foil.
- Impedance: 100 Ohm

**For a structured cabling system we recommend to use the following components:**
ROLINE Cat.6 S/FTP Cable, Solid Wire, AWG23: 21.15.0890 (100 m), 21.15.0891 (300 m).
VALUE Cat.6 Flush/Surface Mount Wall Jack, shielded, white: 25.99.8492/25.99.8392.
VALUE Cat.6 19" Patch Panel, 24 Ports, shielded: 26.99.0353 (black), 26.99.0354 (grey).
VALUE Cat.6 S/FTP Patch Cord, grey, 5 m: 21.99.0805.

Our in-house laboratory has tested this cable-plug combination, in a Channel of 100 meters, in compliance with Class E specifications.



| Length | grey | red | yellow | green | blue | black | white | – P.U. |
|---|---|---|---|---|---|---|---|---|
| 0.5 m | 21.99.0800 | 21.99.1321 | 21.99.1322 | 21.99.1323 | 21.99.1324 | 21.99.1325 | 21.99.1326 | – 250 |
| 1 m | 21.99.0801 | 21.99.1331 | 21.99.1332 | 21.99.1333 | 21.99.1334 | 21.99.1335 | 21.99.1336 | – 200 |
| 1.5 m | 21.99.0811 | 21.99.0812 | 21.99.0813 | 21.99.0814 | 21.99.0815 | 21.99.0816 | 21.99.0817 | – 150 |
| 2 m | 21.99.0802 | 21.99.1341 | 21.99.1342 | 21.99.1343 | 21.99.1344 | 21.99.1345 | 21.99.1346 | – 150 |
| 3 m | 21.99.0803 | 21.99.1351 | 21.99.1352 | 21.99.1353 | 21.99.1354 | 21.99.1355 | 21.99.1356 | – 100 |
| 5 m | 21.99.0805 | 21.99.1361 | 21.99.1362 | 21.99.1363 | 21.99.1364 | 21.99.1365 | 21.99.1366 | – 70 |
| 7 m | 21.99.0807 | 21.99.1371 | 21.99.1372 | 21.99.1373 | 21.99.1374 | 21.99.1375 | 21.99.1376 | – 50 |
| 10 m | 21.99.0810 | 21.99.1381 | 21.99.1382 | 21.99.1383 | 21.99.1384 | 21.99.1385 | 21.99.1386 | – 40 |

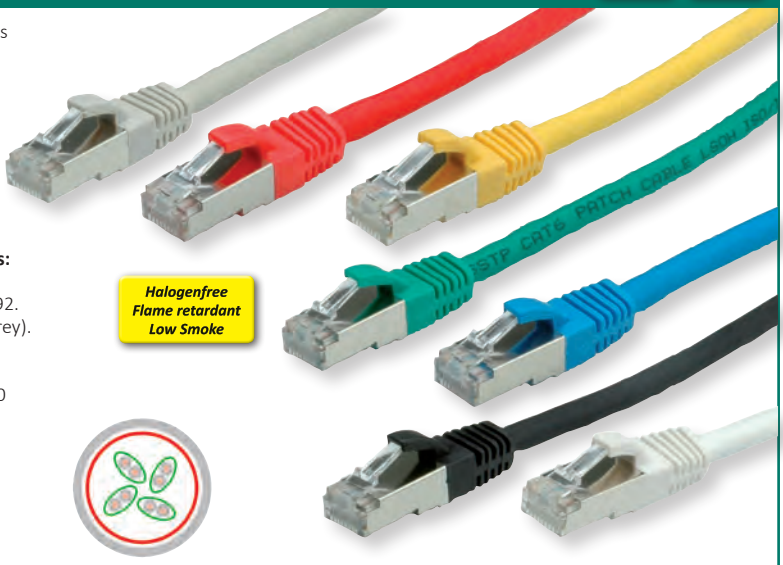
## VALUE S/FTP (PiMF) Patch Cord Cat.6 / Cl. E, halogen-free

Cat.6 Class E | S/FTP

- Prepared shielded Twisted Pair cable with RJ-45 connectors on both sides. Used as patch cable in wiring cabinet or as direct connection cable between devices.
- Flexible cable suitable for narrow bending.
- Contact settings 1:1, according to EIA/TIA 568, 8 wires.
- Construction: 8 wires stranded copper wire, braid shield. Pairs shielded with aluminium clad polyester foil.
- Impedance:100 Ohm.
- Cable jacketing: LSOH- Low Smoke Zero Halogen - cable emits limited smoke and no halogens when exposed to high sources of heat.

**For a structured cabling system we recommend to use the following components:**
ROLINE Cat.6 S/FTP Cable, Solid Wire, LSOH: 21.15.1889.
VALUE Cat.6 Flush/Surface Mount Wall Jack, shielded, white: 25.99.8492/25.99.8392.
VALUE Cat.6 19" Patch Panel, 24 Ports, shielded: 26.99.0353 (black), 26.99.0354 (grey).
VALUE Cat.6 S/FTP Patch Cord, LSOH, grey, 5 m: 21.99.0705.

Our in-house laboratory has tested this cable-plug combination, in a Channel of 100 meters, in compliance with Class E specifications.




| Length | grey | red | yellow | green | blue | black | white | – P.U. |
|---|---|---|---|---|---|---|---|---|
| 0.5 m | 21.99.0700 | 21.99.1221 | 21.99.1222 | 21.99.1223 | 21.99.1224 | 21.99.1225 | 21.99.1226 | – 250 |
| 1 m | 21.99.0701 | 21.99.1231 | 21.99.1232 | 21.99.1233 | 21.99.1234 | 21.99.1235 | 21.99.1236 | – 200 |
| 1.5 m | 21.99.0711 | 21.99.0712 | 21.99.0713 | 21.99.0714 | 21.99.0715 | 21.99.0716 | 21.99.0717 | – 150 |
| 2 m | 21.99.0702 | 21.99.1241 | 21.99.1242 | 21.99.1243 | 21.99.1244 | 21.99.1245 | 21.99.1246 | – 150 |
| 3 m | 21.99.0703 | 21.99.1251 | 21.99.1252 | 21.99.1253 | 21.99.1254 | 21.99.1255 | 21.99.1256 | – 100 |
| 5 m | 21.99.0705 | 21.99.1261 | 21.99.1262 | 21.99.1263 | 21.99.1264 | 21.99.1265 | 21.99.1266 | – 70 |
| 7 m | 21.99.0707 | 21.99.1271 | 21.99.1272 | 21.99.1273 | 21.99.1274 | 21.99.1275 | 21.99.1276 | – 50 |
| 10 m | 21.99.0710 | 21.99.1281 | 21.99.1282 | 21.99.1283 | 21.99.1284 | 21.99.1285 | 21.99.1286 | – 40 |

## ROLINE S/FTP (PiMF) Patch Cord, Cat.6 / Cl. E

Cat.6 Class E | S/FTP



- Patch cable for networking connections between devices. Prepared double shielded Twisted Pair cable with screened RJ-45 connectors on both ends.
- Durable due to moulded kink protection. Flexible cable, suitable for narrow bending.
- High quality plugs with gold plated contacts.
- Contact settings 1:1, in accordance with the EIA/TIA 568 standard.
- Construction: 4-pair stranded copper wire.
- Complete braid shielding. Pairs shielded with aluminium clad polyester foil.

**For a structured cabling system we recommend to use the following components:**
ROLINE Cat.6 S/FTP Cable, Solid Wire, AWG23: 21.15.0890 (100 m), 21.15.0891 (300 m);
ROLINE Cat.6 Flush Mount Wall Jack, shielded: 25.16.8492 (white), 25.16.8493 (ivory);
ROLINE Cat.6 Surface Mount Wall Jack, shielded: 25.16.8392 (white), 25.16.8393 (ivory);
ROLINE Cat.6 19" Patch Panel, 24 Ports, shielded: 26.11.0351 (light grey), 26.11.0361 (black);
ROLINE Cat.6 S/FTP Patch Cord, grey, 5 m: 21.15.0835.

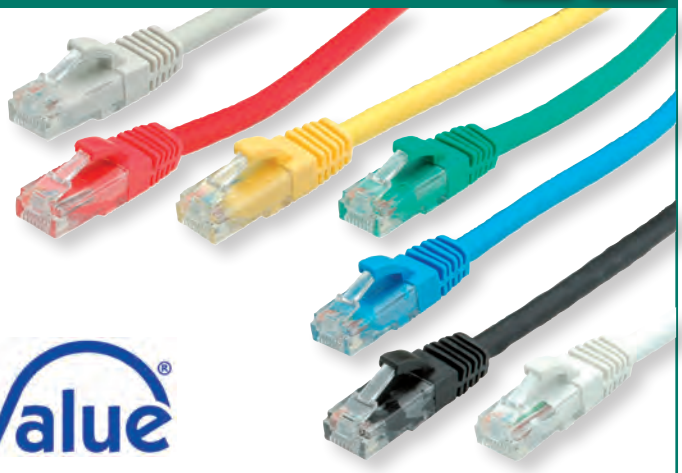
The accredited German laboratory GHMT has tested and certified this product combination, in a Channel of 100 meters, as being compliant to Class E specifications; certificate no. z2365b-10-E (with flush mount)/z2364b-10-E (with surface mount).

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| Length | grey | red | yellow | green | blue | black | white | orange | brown % | pink % | violet % | – P.U. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.3 m | 21.15.1310 | 21.15.1311 | 21.15.1312 | 21.15.1313 | 21.15.1314 | 21.15.1315 | 21.15.1316 | 21.15.1317 | 21.15.1318 | 21.15.1319 | 21.15.1320 | – 50 |
| 0.5 m | 21.15.0830 | 21.15.1321 | 21.15.1322 | 21.15.1323 | 21.15.1324 | 21.15.1325 | 21.15.1326 | 21.15.1327 | 21.15.1328 | 21.15.1329 | 21.15.1330 | – 100 |
| 1 m | 21.15.0831 | 21.15.1331 | 21.15.1332 | 21.15.1333 | 21.15.1334 | 21.15.1335 | 21.15.1336 | 21.15.1337 | 21.15.1338 | 21.15.1339 | 21.15.1340 | – 100 |
| 1.5 m | 21.15.0823 | 21.15.0824 | 21.15.0825 | 21.15.0826 | 21.15.0827 | 21.15.0828 | 21.15.0829 | 21.15.0821 | 21.15.0842 | 21.15.0843 | 21.15.0844 | – 100 |
| 2 m | 21.15.0832 | 21.15.1341 | 21.15.1342 | 21.15.1343 | 21.15.1344 | 21.15.1345 | 21.15.1346 | 21.15.1347 | 21.15.1348 | 21.15.1349 | 21.15.1350 | – 100 |
| 3 m | 21.15.0833 | 21.15.1351 | 21.15.1352 | 21.15.1353 | 21.15.1354 | 21.15.1355 | 21.15.1356 | 21.15.1357 | 21.15.1358 | 21.15.1359 | 21.15.1360 | – 50 |
| 5 m | 21.15.0835 | 21.15.1361 | 21.15.1362 | 21.15.1363 | 21.15.1364 | 21.15.1365 | 21.15.1366 | 21.15.1367 | 21.15.1368 | 21.15.1369 | 21.15.1370 | – 50 |
| 7 m | 21.15.0837 | 21.15.1371 | 21.15.1372 | 21.15.1373 | 21.15.1374 | 21.15.1375 | 21.15.1376 | 21.15.1377 | 21.15.1378 | 21.15.1379 | 21.15.1380 | – 50 |
| 10 m | 21.15.0840 | 21.15.1381 | 21.15.1382 | 21.15.1383 | 21.15.1384 | 21.15.1385 | 21.15.1386 | 21.15.1387 | 21.15.1388 | 21.15.1389 | 21.15.1390 | – 40 |
| 15 m | 21.15.0845 | 21.15.1391 | 21.15.1392 | 21.15.1393 | 21.15.1394 | 21.15.1395 | 21.15.1396 | 21.15.1397 | 21.15.1398 | 21.15.1399 | 21.15.1400 | – 30 |
| 20 m | 21.15.0850 | 21.15.1401 | 21.15.1402 | 21.15.1403 | 21.15.1404 | 21.15.1405 | 21.15.1406 | 21.15.1407 | 21.15.1408 | 21.15.1409 | 21.15.1410 | – 20 |

## VALUE UTP Patch Cord Cat.6A / Cl. EA

Cat.6A Class EA | U/UTP



- The cheap solution for data transfer rates of up to 10 Gbit/s and a bandwidth of 500 MHz
- Patch cable for networking connections between devices
- Prepared shielded Twisted Pair cable (PiMF) with RJ-45 connectors on both ends.
- Durable due to moulded kink protection.
- Flexible cable, suitable for narrow bending.
- Impedance: 100 Ohm
- Contact settings 1:1, in accordance with the EIA/TIA 568 standard.
- Construction: 8 lines, pairs shielded with aluminium foil, complete shielding in tinned copper braid

**For a structured shielded Cat.6A cabling system we recommend to use the following components:**
VALUE Cat.6A UTP Cable, Solid Wire, 300 m: 21.99.1681
Flush Mount Wall Jack for Keystones: 25.16.8579
Surface Wall Mount Frame: 25.16.8484
VALUE Cat.6A Keystone, RJ-45, shielded: 26.99.0366
19" Keystone Patch Panel: 26.11.0358 / 26.11.0359
VALUE Cat.6A S/FTP Patch Cord, 5 m: 21.99.0875

Value®

| Length | grey | red | yellow | green | blue | black | white | – P.U. |
|---|---|---|---|---|---|---|---|---|
| 0.3 m | 21.99.0874 | 21.99.1424 | 21.99.1434 | 21.99.1444 | 21.99.1454 | 21.99.1464 | 21.99.1474 | – 100 |
| 0.5 m | 21.99.0870 | 21.99.1420 | 21.99.1430 | 21.99.1440 | 21.99.1450 | 21.99.1460 | 21.99.1470 | – 100 |
| 1 m | 21.99.0871 | 21.99.1421 | 21.99.1431 | 21.99.1441 | 21.99.1451 | 21.99.1461 | 21.99.1471 | – 100 |
| 1.5 m | 21.99.1480 | 21.99.1481 | 21.99.1482 | 21.99.1483 | 21.99.1484 | 21.99.1485 | 21.99.1486 | – 100 |
| 2 m | 21.99.0872 | 21.99.1422 | 21.99.1432 | 21.99.1442 | 21.99.1452 | 21.99.1462 | 21.99.1472 | – 100 |
| 3 m | 21.99.0873 | 21.99.1423 | 21.99.1433 | 21.99.1443 | 21.99.1453 | 21.99.1463 | 21.99.1473 | – 50 |
| 5 m | 21.99.0875 | 21.99.1425 | 21.99.1435 | 21.99.1445 | 21.99.1455 | 21.99.1465 | 21.99.1475 | – 50 |
| 7 m | 21.99.0876 | 21.99.1426 | 21.99.1436 | 21.99.1446 | 21.99.1456 | 21.99.1466 | 21.99.1476 | – 40 |
| 10 m | 21.99.0877 | 21.99.1427 | 21.99.1437 | 21.99.1447 | 21.99.1457 | 21.99.1467 | 21.99.1477 | – 40 |
| 15 m | 21.99.0878 | 21.99.1428 | 21.99.1438 | 21.99.1448 | 21.99.1458 | 21.99.1468 | 21.99.1478 | – 30 |
| 20 m | 21.99.0879 | 21.99.1429 | 21.99.1439 | 21.99.1449 | 21.99.1459 | 21.99.1469 | 21.99.1479 | – 20 |

## VALUE S/FTP (PiMF) Patch Cord Cat.6A / Cl. EA

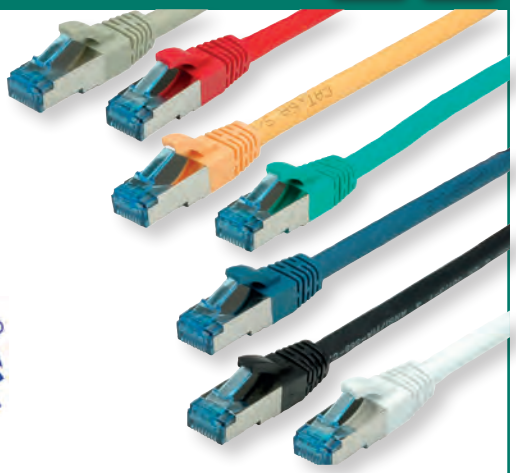
Cat.6A Class EA | S/FTP

**The cheap solution for data transfer rates of up to 10 Gbit/s and a bandwidth of 500 MHz. Patch cable for networking connections between devices.**

- Prepared shielded Twisted Pair cable (PiMF) with RJ-45 connectors on both ends.
- Durable due to moulded kink protection. Flexible cable, suitable for narrow bending.
- Impedance: 100 Ohm. Contact settings 1:1, in accordance with the EIA/TIA 568 standard.
- Construction: 8 lines, pairs shielded with aluminium foil, complete braided shielding.

**For a structured shielded Cat.6A cabling system we recommend to use the following components:**
VALUE Cat.6A S/FTP Cable, Solid Wire, 100 m: 21.99.0881.
Flush Mount Wall Jack for Keystones: 25.16.8579.
Surface Wall Mount Frame: 25.16.8484.
VALUE Cat.6A Keystone, RJ-45, shielded: 26.99.0366.
19“ Keystone Patch Panel: 26.11.0359.
VALUE Cat.6A S/FTP Patch Cord, 5 m: 21.99.0865.





| Length | grey | red | yellow | green | blue | black | white | – P.U. |
|---|---|---|---|---|---|---|---|---|
| 0.3 m | 21.99.0864 | 21.99.1924 | 21.99.1934 | 21.99.1944 | 21.99.1954 | 21.99.1964 | 21.99.1974 | – 100 |
| 0.5 m | 21.99.0860 | 21.99.1920 | 21.99.1930 | 21.99.1940 | 21.99.1950 | 21.99.1960 | 21.99.1970 | – 100 |
| 1 m | 21.99.0861 | 21.99.1921 | 21.99.1931 | 21.99.1941 | 21.99.1951 | 21.99.1961 | 21.99.1971 | – 100 |
| 1.5 m | 21.99.1990 | 21.99.1991 | 21.99.1992 | 21.99.1993 | 21.99.1994 | 21.99.1995 | 21.99.1996 | – 100 |
| 2 m | 21.99.0862 | 21.99.1922 | 21.99.1932 | 21.99.1942 | 21.99.1952 | 21.99.1962 | 21.99.1972 | – 100 |
| 3 m | 21.99.0863 | 21.99.1923 | 21.99.1933 | 21.99.1943 | 21.99.1953 | 21.99.1963 | 21.99.1973 | – 50 |
| 5 m | 21.99.0865 | 21.99.1925 | 21.99.1935 | 21.99.1945 | 21.99.1955 | 21.99.1965 | 21.99.1975 | – 50 |
| 7 m | 21.99.0866 | 21.99.1926 | 21.99.1936 | 21.99.1946 | 21.99.1956 | 21.99.1966 | 21.99.1976 | – 40 |
| 10 m | 21.99.0867 | 21.99.1927 | 21.99.1937 | 21.99.1947 | 21.99.1957 | 21.99.1967 | 21.99.1977 | – 40 |
| 15 m | 21.99.0868 | 21.99.1928 | 21.99.1938 | 21.99.1948 | 21.99.1958 | 21.99.1968 | 21.99.1978 | – 30 |
| 20 m | 21.99.0869 | 21.99.1929 | 21.99.1939 | 21.99.1949 | 21.99.1959 | 21.99.1969 | 21.99.1979 | – 20 |

## VALUE UTP Patch Cord, Cat.6A / Cl. EA

Cat.6A Class EA | U/UTP

- Prepared cable with unshielded RJ-45 plug on both ends
- Extra flat cable for special applications
- Durable cables thanks to kink protection
- Contact settings 1:1 in accordance with EIA/TIA 568, 8 lines
- Construction: internal line 8 wires
- Plug with gold plated contacts
- Colour: black



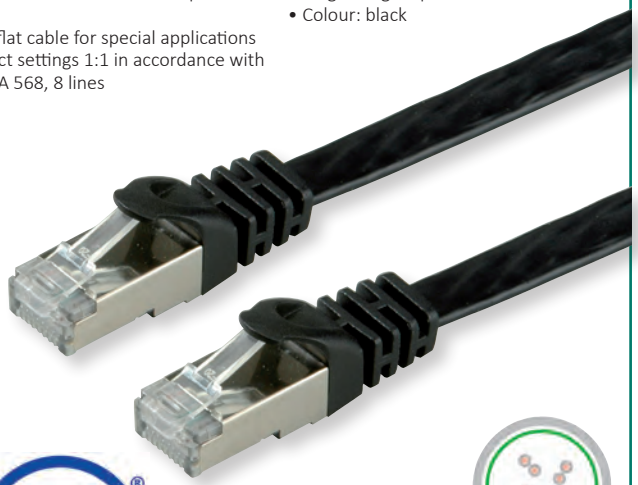


| | Order-No. – P.U. |
|---|---|
| VALUE UTP Patch Cord, Cat.6A / Cl. EA, black, 0.5 m, extra-flat | 21.99.0820 – 40 |
| VALUE UTP Patch Cord, Cat.6A / Cl. EA, black, 1.0 m, extra-flat | 21.99.0821 – 40 |
| VALUE UTP Patch Cord, Cat.6A / Cl. EA, black, 1.5 m, extra-flat | 21.99.0824 – 40 |
| VALUE UTP Patch Cord, Cat.6A / Cl. EA, black, 2.0 m, extra-flat | 21.99.0822 – 40 |
| VALUE UTP Patch Cord, Cat.6A / Cl. EA, black, 3.0 m, extra-flat | 21.99.0823 – 40 |
| VALUE UTP Patch Cord, Cat.6A / Cl. EA, black, 5.0 m, extra-flat | 21.99.0825 – 40 |

## VALUE FTP Patch Cord, Cat.6A / Cl. EA

Cat.6A Class EA | F/UTP

- Prepared cable with shielded RJ-45 plug on both ends
- Durable cables thanks to kink protection
- Extra flat cable for special applications
- Contact settings 1:1 in accordance with EIA/TIA 568, 8 lines
- Construction: internal line 8 wires, pairs shielded with aluminium clad foil
- Plug with gold plated contacts
- Colour: black





| | Order-No. – P.U. |
|---|---|
| VALUE FTP Patch Cord, Cat.6A / Cl. EA, black, 0.5 m, extra-flat | 21.99.0830 – 40 |
| VALUE FTP Patch Cord, Cat.6A / Cl. EA, black, 1.0 m, extra-flat | 21.99.0831 – 40 |
| VALUE FTP Patch Cord, Cat.6A / Cl. EA, black, 1.5 m, extra-flat | 21.99.0834 – 40 |
| VALUE FTP Patch Cord, Cat.6A / Cl. EA, black, 2.0 m, extra-flat | 21.99.0832 – 40 |
| VALUE FTP Patch Cord, Cat.6A / Cl. EA, black, 3.0 m, extra-flat | 21.99.0833 – 40 |
| VALUE FTP Patch Cord, Cat.6A / Cl. EA, black, 5.0 m, extra-flat | 21.99.0835 – 40 |

## ROLINE UTP Patch Cord Cat.6A / Cl. EA, Slim, Colored

Cat.6A Class EA | S/FTP

- Patch cable for networking connections between devices.
- Prepared unshielded Twisted Pair cable with RJ-45 connectors on both ends.
- Durable due to moulded kink protection.
- **Slim, flexible cable, suitable for narrow bending.**
- Contact settings 1:1, in accordance with the EIA/TIA 568 standard.
- Construction: 4-pair stranded copper wire.

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Halogenfree Flame retardant Low Smoke





| Length | grey | red | yellow | green | blue | black | white | – P.U. |
|---|---|---|---|---|---|---|---|---|
| 0.15 m | 21.15.3900 | 21.15.3910 | 21.15.3920 | 21.15.3930 | 21.15.3940 | 21.15.3950 | 21.15.0978 | – 100 |
| 0.3 m | 21.15.3901 | 21.15.3911 | 21.15.3921 | 21.15.3931 | 21.15.3941 | 21.15.3951 | 21.15.0979 | – 100 |
| 0.5 m | 21.15.3902 | 21.15.3912 | 21.15.3922 | 21.15.3932 | 21.15.3942 | 21.15.3952 | 21.15.0980 | – 100 |
| 1 m | 21.15.3903 | 21.15.3913 | 21.15.3923 | 21.15.3933 | 21.15.3943 | 21.15.3953 | 21.15.0981 | – 100 |
| 1.5 m | 21.15.3904 | 21.15.3914 | 21.15.3924 | 21.15.3934 | 21.15.3944 | 21.15.3954 | 21.15.0984 | – 100 |
| 2 m | 21.15.3905 | 21.15.3915 | 21.15.3925 | 21.15.3935 | 21.15.3945 | 21.15.3955 | 21.15.0982 | – 100 |
| 3 m | 21.15.3906 | 21.15.3916 | 21.15.3926 | 21.15.3936 | 21.15.3946 | 21.15.3956 | 21.15.0983 | – 50 |
| 5 m | 21.15.3907 | 21.15.3917 | 21.15.3927 | 21.15.3937 | 21.15.3947 | 21.15.3957 | 21.15.0985 | – 50 |

## ROLINE U/FTP DataCenter Patch Cord Cat.6A / LSOH, Slim

Cat.6A Class EA | U/FTP

**Category 6A twisted-pair patch cable with RJ45 connectors on both sides. Particularly thin and flexible cable with individual pairs of wires in aluminium laminated foil for use in confined spaces, such as in data centres.**

Halogenfree Flame retardant Low Smoke



- Durable thanks to moulded-on kink protection
- Suitable as patch cable in patch panels or as device connection cable and intended for use in the LAN
- Contact assignment: 1:1 according to EIA/TIA568, 8 cores
- Structure: 8 cores stranded wire

| | Order-No. – P.U. |
|---|---|
| ROLINE U/FTP DataCenter Patch Cord Cat.6A / Cl. EA, LSOH, slim, 0.5 m | 21.15.1700 – 100 |
| ROLINE U/FTP DataCenter Patch Cord Cat.6A / Cl. EA, LSOH, slim, 1.0 m | 21.15.1701 – 100 |
| ROLINE U/FTP DataCenter Patch Cord Cat.6A / Cl. EA, LSOH, slim, 1.5 m | 21.15.1704 – 100 |
| ROLINE U/FTP DataCenter Patch Cord Cat.6A / Cl. EA, LSOH, slim, 2.0 m | 21.15.1702 – 100 |
| ROLINE U/FTP DataCenter Patch Cord Cat.6A / Cl. EA, LSOH, slim, 3.0 m | 21.15.1703 – 50 |
| ROLINE U/FTP DataCenter Patch Cord Cat.6A / Cl. EA, LSOH, slim, 5.0 m | 21.15.1705 – 50 |

## ROLINE U/FTP Data Centrer Cable Cat.7 / Cl. F, with RJ45 Plug, 500 MHz, LSOH, Slim

Cat.7 Class F | U/FTP

**Category 7 twisted-pair cable with RJ45 (500MHz) connectors on both sides. Particularly thin and flexible cable with individual pairs of wires in aluminium-laminated foil for use in confined spaces, such as in data centres.**

Halogenfree Flame retardant Low Smoke



- Durable cable thanks to moulded-on bend protection
- Suitable as a cable in patch panels or as device connection cable and intended for use in the LAN
- Contact assignment: 1:1 according to EIA/TIA568, 8 cores
- Structure: 8 cores stranded wire

| | Order-No. – P.U. |
|---|---|
| ROLINE U/FTP Data Centrer Cable Cat.7, with RJ45 Plug, 500 MHz, LSOH, slim, 0.5 m | 21.15.1710 – 100 |
| ROLINE U/FTP Data Centrer Cable Cat.7, with RJ45 Plug, 500 MHz, LSOH, slim, 1.0 m | 21.15.1711 – 100 |
| ROLINE U/FTP Data Centrer Cable Cat.7, with RJ45 Plug, 500 MHz, LSOH, slim, 1.5 m | 21.15.1714 – 100 |
| ROLINE U/FTP Data Centrer Cable Cat.7, with RJ45 Plug, 500 MHz, LSOH, slim, 2.0 m | 21.15.1712 – 100 |
| ROLINE U/FTP Data Centrer Cable Cat.7, with RJ45 Plug, 500 MHz, LSOH, slim, 3.0 m | 21.15.1713 – 50 |
| ROLINE U/FTP Data Centrer Cable Cat.7, with RJ45 Plug, 500 MHz, LSOH, slim, 5.0 m | 21.15.1715 – 50 |

## ROLINE RJ45 Network Cable Drum Cat.6A / Cl. EA, S/FTP, 60 m

Cat.6A Class EA | S/FTP

**Network cable reel to extend Ethernet links for temporary cable installations at events, trade fair, conferences...**

**Simply unroll the cable and connect patch cables and network devices.**

- LAN extension up to 60m
- With Cat.7 S/FTP-PiMF 1000 MHz installation cable on the reel
- Integrated data socket Cat.6A 1x RJ45 socket with dust protection cap
- Cat. 6A Keystone RJ45 socket at the end of cable
- Impedance: 100 Ohm
- Construction:
  - 8 lines, solid copper wire, AWG26
  - pairs shielded with aluminium foil
  - complete shielding in tinned copper braid
- Colour: orange
- Dimensions drum with handle: 355 x 420 x 240 mm



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| | Order-No. – P.U. |
|---|---|
| ROLINE RJ45 Network Cable Drum Cat.6A / Cl. EA, S/FTP, 60 m | 21.15.0007 – 1 |

## VALUE S/FTP Patch Cord Cat.6A / Cl. EA, Solid

Cat.6A Class EA | S/FTP

**Patch cable for networking connections between devices**
- Prepared double shielded Twisted Pair cable with screened RJ-45 connectors on both ends
- Durable due to moulded kink protection

**• Suitable for PoE applications and multimedia applications were the extension is working over TP**

- High quality plugs with gold plated contacts
- Contact settings 1:1, in accordance with the EIA/TIA 568 standard
- Construction: 4-pair solid copper wire, complete braid shielding, pairs shielded with aluminium clad polyester foil





| | Order-No. – P.U. |
|---|---|
| VALUE S/FTP Patch Cord Cat.6A / Cl. EA, solid, LSOH, grey, 20.0 m | 21.99.0844 – 5 |
| VALUE S/FTP Patch Cord Cat.6A / Cl. EA, solid, LSOH, grey, 30.0 m | 21.99.0846 – 5 |
| VALUE S/FTP Patch Cord Cat.6A / Cl. EA, solid, LSOH, grey, 50.0 m | 21.99.0847 – 2 |
| VALUE S/FTP Patch Cord Cat.6A / Cl. EA, solid, LSOH, grey, 70.0 m | 21.99.0848 – 2 |
| VALUE S/FTP Patch Cord Cat.6A / Cl. EA, solid, LSOH, grey, 90.0 m | 21.99.0849 – 2 |



Halogenfree
Flame retardant
Low Smoke

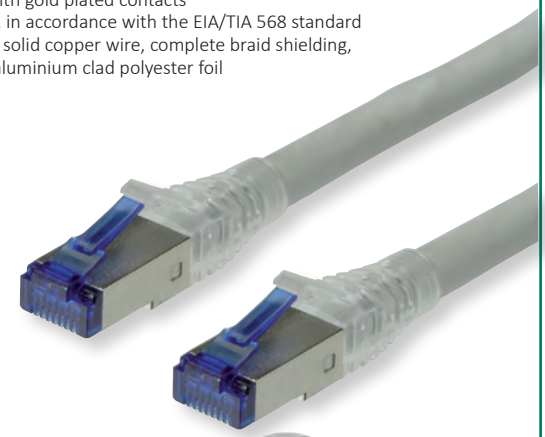
## ROLINE S/FTP Patch Cord Cat.6A / Cl. EA, Solid

Cat.6A Class EA | S/FTP

**Patch cable for networking connections between devices**
- Prepared double shielded Twisted Pair cable with screened RJ-45 connectors on both ends
- Durable due to moulded kink protection

**• Suitable for PoE applications and multimedia applications were the extension is working over TP**

- High quality plugs with gold plated contacts
- Contact settings 1:1, in accordance with the EIA/TIA 568 standard
- Construction: 4-pair solid copper wire, complete braid shielding, pairs shielded with aluminium clad polyester foil





| | Order-No. – P.U. |
|---|---|
| ROLINE S/FTP Patch Cord Cat.6A / Cl. EA, solid, grey, 20.0 m | 21.15.0870 – 5 |
| ROLINE S/FTP Patch Cord Cat.6A / Cl. EA, solid, grey, 30.0 m | 21.15.0871 – 5 |
| ROLINE S/FTP Patch Cord Cat.6A / Cl. EA, solid, grey, 50.0 m | 21.15.0872 – 2 |
| ROLINE S/FTP Patch Cord Cat.6A / Cl. EA, solid, grey, 70.0 m | 21.15.0873 – 2 |
| ROLINE S/FTP Patch Cord Cat.6A / Cl. EA, solid, grey, 90.0 m | 21.15.0875 – 2 |
| ROLINE S/FTP Patch Cord Cat.6A / Cl. EA, solid, *LSOH, grey, 20.0 m | 21.15.0874 – 5 |
| ROLINE S/FTP Patch Cord Cat.6A / Cl. EA, solid, *LSOH, grey, 30.0 m | 21.15.0876 – 5 |
| ROLINE S/FTP Patch Cord Cat.6A / Cl. EA, solid, *LSOH, grey, 50.0 m | 21.15.0877 – 2 |
| ROLINE S/FTP Patch Cord Cat.6A / Cl. EA, solid, *LSOH, grey, 70.0 m | 21.15.0878 – 2 |
| ROLINE S/FTP Patch Cord Cat.6A / Cl. EA, solid, *LSOH, grey, 90.0 m | 21.15.0879 – 2 |



* Halogenfree
Flame retardant
Low Smoke

## COMPONENT LEVEL Patch Cords - Considerations

100% Component Level Tested | Cat.6 | Cat.6A | U/UTP | S/FTP

As streaming media applications such as video and multimedia become commonplace, the demands for faster data rates will increase and spawn new applications that will benefit from the higher bandwidth offered by Category 6 or 6A.

When it comes to structured cabling performance, the objectives of a standard are both to ensure the performance of present, foreseen and perhaps unforeseen applications, and to allow interoperability of components from multiple manufacturers that make up a structured cabling system.

When a structured cabling system has components from different manufacturers, the overall performance margin can drop, due to the need to work with connectivity that may be anywhere in the performance envelope defined by the standard for a channel or permanent link.

**COMPONENT LEVEL Patch Cords - Considerations**

When a new cabling system is installed, the installed cabling becomes a permanent infrastructure in the building. The cable itself is routed though hidden pathways within walls, under floors and in ceilings or in cable trays and conduit. Upon completion of the installation, each permanent link is certified from the termination in a patch panel to the outlet or jack in the work area or office at the other end.

Nevertheless the quality and performance of connecting hardware as patch cords have a tremendous impact on the performance of a cabling channel. The patch cords are after all the first component in the channel in either direction.

ROLINE Category 6 / 6A Component LEVEL cords are 100% transmission tested to component level performance as specified in TIA/EIA-568-B.2-1.

- They are assembled in a controlled environment using advanced manufacturing techniques to insure consistent quality.
- These patch cords have been tested on **COMPONENT LEVEL.** This means, you can add them to ANY Permanent Link that fulfils Cat.6 / Cat.6A and the resulting Channel will also fulfil Cat.6 / Cat.6A.

Even more, combining any components (patch cords, jacks, patchpanels, wall boxes) that are tested on **COMPONENT LEVEL**, will result in a Channel that fulfills the norm.

**ROLINE Category 6 / 6A Component LEVEL patch cords have a**
- protection of the plug latch,- durable cable strain relief,
Are flexible,
- LSOH (flame retardant, low smoke and halogen free)
- and last but not least they are compatible with both T568A and T568B cabling systems.

These patch cords are designed for greater flexibility and service life and are available in seven colors (grey / red / yellow / green / blue / black / white / orange / brown / pink / purple) and in eleven standard lengths.
Please see therefore the next following pages.

**Key Features:**
- Transmission performance TIA/EIA 568-B.2-1 Component, permanent link, and channel level
- 100% factory transmission tested to Component Level per TIA/EIA 568-B.2-1
- T568A/B Wiring Scheme
- Durable flexible cable strain relief
- Maximum strength and durability construction

Halogenfree
Flame retardant
Low Smoke

## ROLINE UTP Cable Cat.6 Component Level, LSOH

100% Component Level Tested | Cat.6 | U/UTP

- Patch cable for networking connections between devices.
- Prepared unshielded Twisted Pair cable with RJ-45 connectors on both ends.
- Durable due to moulded kink protection.
- Flexible cable, suitable for narrow bending.
- High quality plugs with gold plated contacts.
- Contact settings 1:1, in accordance with the EIA/TIA 568 standard.
- Construction: 4-pair stranded copper wire.
- Halogen-free, flame retardant, low smoke.
- 100 % Component level testing



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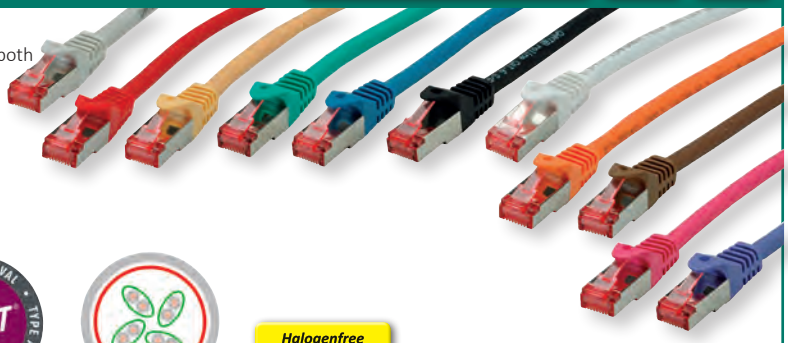

Halogenfree
Flame retardant
Low Smoke

| Length | grey | red | yellow | green | blue | black | white | orange | brown % | pink % | purple % | P.U. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.3m | 21.15.2940 | 21.15.2941 | 21.15.2942 | 21.15.2943 | 21.15.2944 | 21.15.2945 | 21.15.2946 | 21.15.2947 | 21.15.2948 | 21.15.2949 | 21.15.2950 | – 50 |
| 0.5m | 21.15.2500 | 21.15.2510 | 21.15.2520 | 21.15.2530 | 21.15.2540 | 21.15.2550 | 21.15.2560 | 21.15.2570 | 21.15.2580 | 21.15.2590 | 21.15.2900 | – 100 |
| 1 m | 21.15.2501 | 21.15.2511 | 21.15.2521 | 21.15.2531 | 21.15.2541 | 21.15.2551 | 21.15.2561 | 21.15.2571 | 21.15.2581 | 21.15.2591 | 21.15.2901 | – 100 |
| 1.5 m | 21.15.2504 | 21.15.2514 | 21.15.2524 | 21.15.2534 | 21.15.2544 | 21.15.2554 | 21.15.2564 | 21.15.2574 | 21.15.2584 | 21.15.2594 | 21.15.2904 | – 100 |
| 2 m | 21.15.2502 | 21.15.2512 | 21.15.2522 | 21.15.2532 | 21.15.2542 | 21.15.2552 | 21.15.2562 | 21.15.2572 | 21.15.2582 | 21.15.2592 | 21.15.2902 | – 100 |
| 3 m | 21.15.2503 | 21.15.2513 | 21.15.2523 | 21.15.2533 | 21.15.2543 | 21.15.2553 | 21.15.2563 | 21.15.2573 | 21.15.2583 | 21.15.2593 | 21.15.2903 | – 50 |
| 5 m | 21.15.2505 | 21.15.2515 | 21.15.2525 | 21.15.2535 | 21.15.2545 | 21.15.2555 | 21.15.2565 | 21.15.2575 | 21.15.2585 | 21.15.2595 | 21.15.2905 | – 50 |
| 7.5m | 21.15.2506 | 21.15.2516 | 21.15.2526 | 21.15.2536 | 21.15.2546 | 21.15.2556 | 21.15.2566 | 21.15.2576 | 21.15.2586 | 21.15.2596 | 21.15.2906 | – 40 |
| 10 m | 21.15.2507 | 21.15.2517 | 21.15.2527 | 21.15.2537 | 21.15.2547 | 21.15.2557 | 21.15.2567 | 21.15.2577 | 21.15.2587 | 21.15.2597 | 21.15.2907 | – 40 |
| 15 m | 21.15.2508 | 21.15.2518 | 21.15.2528 | 21.15.2538 | 21.15.2548 | 21.15.2558 | 21.15.2568 | 21.15.2578 | 21.15.2588 | 21.15.2598 | 21.15.2908 | – 30 |
| 20 m | 21.15.2509 | 21.15.2519 | 21.15.2529 | 21.15.2539 | 21.15.2549 | 21.15.2559 | 21.15.2569 | 21.15.2579 | 21.15.2589 | 21.15.2599 | 21.15.2909 | – 20 |

## ROLINE S/FTP (PiMF) Patch Cord Cat.6 Component Level, LSOH

100% Component Level Tested | Cat.6 | S/FTP

- Patch cable for networking connections between devices.
- Prepared double shielded Twisted Pair cable with screened RJ-45 connectors on both ends.
- Durable due to moulded kink protection
- Flexible cable, suitable for narrow bending.
- High quality plugs with gold plated contacts.
- Contact settings 1:1, in accordance with the EIA/TIA 568 standard.
- Construction: 4-pair stranded copper wire. Complete braid shielding.
- Pairs shielded with aluminium clad polyester foil.
- Halogen-free, flame retardant, low smoke.
- 100% Component Level testing



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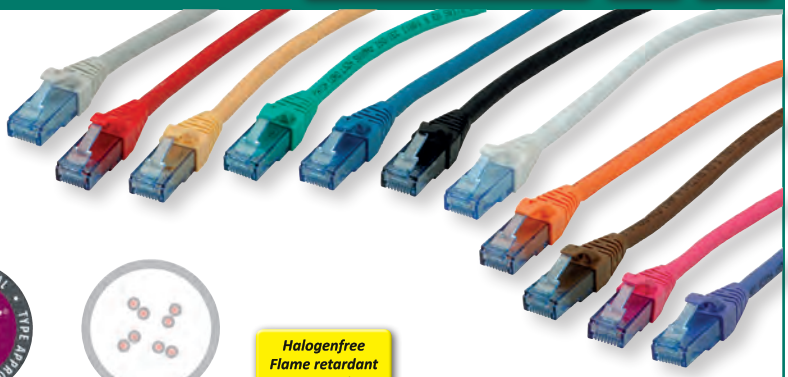

Halogenfree
Flame retardant
Low Smoke

| Length | grey | red | yellow | green | blue | black | white | orange | brown % | pink % | purple % | P.U. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.3m | 21.15.2951 | 21.15.2952 | 21.15.2953 | 21.15.2954 | 21.15.2955 | 21.15.2956 | 21.15.2957 | 21.15.2958 | 21.15.2959 | 21.15.2960 | 21.15.2961 | – 50 |
| 0.5m | 21.15.2600 | 21.15.2610 | 21.15.2620 | 21.15.2630 | 21.15.2640 | 21.15.2650 | 21.15.2660 | 21.15.2670 | 21.15.2680 | 21.15.2690 | 21.15.2910 | – 100 |
| 1 m | 21.15.2601 | 21.15.2611 | 21.15.2621 | 21.15.2631 | 21.15.2641 | 21.15.2651 | 21.15.2661 | 21.15.2671 | 21.15.2681 | 21.15.2691 | 21.15.2911 | – 100 |
| 1.5 m | 21.15.2604 | 21.15.2614 | 21.15.2624 | 21.15.2634 | 21.15.2644 | 21.15.2654 | 21.15.2664 | 21.15.2674 | 21.15.2684 | 21.15.2694 | 21.15.2914 | – 100 |
| 2 m | 21.15.2602 | 21.15.2612 | 21.15.2622 | 21.15.2632 | 21.15.2642 | 21.15.2652 | 21.15.2662 | 21.15.2672 | 21.15.2682 | 21.15.2692 | 21.15.2912 | – 100 |
| 3 m | 21.15.2603 | 21.15.2613 | 21.15.2623 | 21.15.2633 | 21.15.2643 | 21.15.2653 | 21.15.2663 | 21.15.2673 | 21.15.2683 | 21.15.2693 | 21.15.2913 | – 50 |
| 5 m | 21.15.2605 | 21.15.2615 | 21.15.2625 | 21.15.2635 | 21.15.2645 | 21.15.2655 | 21.15.2665 | 21.15.2675 | 21.15.2685 | 21.15.2695 | 21.15.2915 | – 50 |
| 7.5m | 21.15.2606 | 21.15.2616 | 21.15.2626 | 21.15.2636 | 21.15.2646 | 21.15.2656 | 21.15.2666 | 21.15.2676 | 21.15.2686 | 21.15.2696 | 21.15.2916 | – 40 |
| 10 m | 21.15.2607 | 21.15.2617 | 21.15.2627 | 21.15.2637 | 21.15.2647 | 21.15.2657 | 21.15.2667 | 21.15.2677 | 21.15.2687 | 21.15.2697 | 21.15.2917 | – 40 |
| 15 m | 21.15.2608 | 21.15.2618 | 21.15.2628 | 21.15.2638 | 21.15.2648 | 21.15.2658 | 21.15.2668 | 21.15.2678 | 21.15.2688 | 21.15.2698 | 21.15.2918 | – 30 |
| 20 m | 21.15.2609 | 21.15.2619 | 21.15.2629 | 21.15.2639 | 21.15.2649 | 21.15.2659 | 21.15.2669 | 21.15.2679 | 21.15.2689 | 21.15.2699 | 21.15.2919 | – 20 |

## ROLINE UTP Patch Cord Cat.6A, Component Level, LSOH

100% Component Level Tested | Cat.6A | U/UTP

- Patch cable for networking connections between devices.
- Prepared unshielded Twisted Pair cable with RJ-45 connectors on both ends.
- Durable due to moulded kink protection.
- Flexible cable, suitable for narrow bending.
- High quality plugs with gold plated contacts.
- Contact settings 1:1, in accordance with the EIA/TIA 568 standard.
- Construction: 4-pair stranded copper wire.
- Halogen-free, flame retardant, low smoke.
- 100 % Component level testing



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Halogenfree
Flame retardant
Low Smoke

| Length | grey | red | yellow | green | blue | black | white | orange | brown % | pink % | purple % | P.U. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.3m | 21.15.2981 | 21.15.2982 | 21.15.2983 | 21.15.2984 | 21.15.2985 | 21.15.2986 | 21.15.2987 | 21.15.2988 | 21.15.2989 | 21.15.2990 | 21.15.2991 | – 50 |
| 0.5m | 21.15.2700 | 21.15.2710 | 21.15.2720 | 21.15.2730 | 21.15.2740 | 21.15.2750 | 21.15.2760 | 21.15.2770 | 21.15.2780 | 21.15.2790 | 21.15.2920 | – 100 |
| 1m | 21.15.2701 | 21.15.2711 | 21.15.2721 | 21.15.2731 | 21.15.2741 | 21.15.2751 | 21.15.2761 | 21.15.2771 | 21.15.2781 | 21.15.2791 | 21.15.2921 | – 100 |
| 1.5m | 21.15.2704 | 21.15.2714 | 21.15.2724 | 21.15.2734 | 21.15.2744 | 21.15.2754 | 21.15.2764 | 21.15.2774 | 21.15.2784 | 21.15.2794 | 21.15.2924 | – 100 |
| 2m | 21.15.2702 | 21.15.2712 | 21.15.2722 | 21.15.2732 | 21.15.2742 | 21.15.2752 | 21.15.2762 | 21.15.2772 | 21.15.2782 | 21.15.2792 | 21.15.2922 | – 100 |
| 3m | 21.15.2703 | 21.15.2713 | 21.15.2723 | 21.15.2733 | 21.15.2743 | 21.15.2753 | 21.15.2763 | 21.15.2773 | 21.15.2783 | 21.15.2793 | 21.15.2923 | – 50 |
| 5m | 21.15.2705 | 21.15.2715 | 21.15.2725 | 21.15.2735 | 21.15.2745 | 21.15.2755 | 21.15.2765 | 21.15.2775 | 21.15.2785 | 21.15.2795 | 21.15.2925 | – 50 |
| 7.5m | 21.15.2706 | 21.15.2716 | 21.15.2726 | 21.15.2736 | 21.15.2746 | 21.15.2756 | 21.15.2766 | 21.15.2776 | 21.15.2786 | 21.15.2796 | 21.15.2926 | – 40 |
| 10m | 21.15.2707 | 21.15.2717 | 21.15.2727 | 21.15.2737 | 21.15.2747 | 21.15.2757 | 21.15.2767 | 21.15.2777 | 21.15.2787 | 21.15.2797 | 21.15.2927 | – 40 |
| 15m | 21.15.2708 | 21.15.2718 | 21.15.2728 | 21.15.2738 | 21.15.2748 | 21.15.2758 | 21.15.2768 | 21.15.2778 | 21.15.2788 | 21.15.2798 | 21.15.2928 | – 30 |
| 20m | 21.15.2709 | 21.15.2719 | 21.15.2729 | 21.15.2739 | 21.15.2749 | 21.15.2759 | 21.15.2769 | 21.15.2779 | 21.15.2789 | 21.15.2799 | 21.15.2929 | – 20 |

## ROLINE S/FTP (PiMF) Patch Cord Cat.6A, Component Level, LSOH

100% Component Level Tested | Cat.6A | S/FTP

- Patch cable for networking connections between devices.
- Prepared double shielded Twisted Pair cable with screened RJ-45 connectors on both ends.
- Durable due to moulded kink protection.
- Flexible cable, suitable for narrow bending.
- High quality plugs with gold plated contacts.
- Contact settings 1:1, in accordance with the EIA/TIA 568 standard.
- Construction: 4-pair stranded copper wire. Complete braid shielding.
- Pairs shielded with aluminium clad polyester foil.
- Halogen-free, flame retardant, low smoke.
- 100 % Component level testing



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Halogenfree
Flame retardant
Low Smoke

| Length | grey | red | yellow | green | blue | black | white | orange | brown % | pink % | purple % | P.U. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.3m | 21.15.2970 | 21.15.2971 | 21.15.2972 | 21.15.2973 | 21.15.2974 | 21.15.2975 | 21.15.2976 | 21.15.2977 | 21.15.2978 | 21.15.2979 | 21.15.2980 | – 50 |
| 0.5m | 21.15.2800 | 21.15.2810 | 21.15.2820 | 21.15.2830 | 21.15.2840 | 21.15.2850 | 21.15.2860 | 21.15.2870 | 21.15.2880 | 21.15.2890 | 21.15.2930 | – 100 |
| 1m | 21.15.2801 | 21.15.2811 | 21.15.2821 | 21.15.2831 | 21.15.2841 | 21.15.2851 | 21.15.2861 | 21.15.2871 | 21.15.2881 | 21.15.2891 | 21.15.2931 | – 100 |
| 1.5m | 21.15.2804 | 21.15.2814 | 21.15.2824 | 21.15.2834 | 21.15.2844 | 21.15.2854 | 21.15.2864 | 21.15.2874 | 21.15.2884 | 21.15.2894 | 21.15.2934 | – 100 |
| 2m | 21.15.2802 | 21.15.2812 | 21.15.2822 | 21.15.2832 | 21.15.2842 | 21.15.2852 | 21.15.2862 | 21.15.2872 | 21.15.2882 | 21.15.2892 | 21.15.2932 | – 100 |
| 3m | 21.15.2803 | 21.15.2813 | 21.15.2823 | 21.15.2833 | 21.15.2843 | 21.15.2853 | 21.15.2863 | 21.15.2873 | 21.15.2883 | 21.15.2893 | 21.15.2933 | – 50 |
| 5m | 21.15.2805 | 21.15.2815 | 21.15.2825 | 21.15.2835 | 21.15.2845 | 21.15.2855 | 21.15.2865 | 21.15.2875 | 21.15.2885 | 21.15.2895 | 21.15.2935 | – 50 |
| 7.5m | 21.15.2806 | 21.15.2816 | 21.15.2826 | 21.15.2836 | 21.15.2846 | 21.15.2856 | 21.15.2866 | 21.15.2876 | 21.15.2886 | 21.15.2896 | 21.15.2936 | – 40 |
| 10m | 21.15.2807 | 21.15.2817 | 21.15.2827 | 21.15.2837 | 21.15.2847 | 21.15.2857 | 21.15.2867 | 21.15.2877 | 21.15.2887 | 21.15.2897 | 21.15.2937 | – 40 |
| 15m | 21.15.2808 | 21.15.2818 | 21.15.2828 | 21.15.2838 | 21.15.2848 | 21.15.2858 | 21.15.2868 | 21.15.2878 | 21.15.2888 | 21.15.2898 | 21.15.2938 | – 30 |
| 20m | 21.15.2809 | 21.15.2819 | 21.15.2829 | 21.15.2839 | 21.15.2849 | 21.15.2859 | 21.15.2869 | 21.15.2879 | 21.15.2889 | 21.15.2899 | 21.15.2939 | – 20 |

## VALUE S/FTP Cable (Cat.7 / Cl. F), with RJ-45 connectors (500 MHz)

Cat.7 Class F | S/FTP

- The cheap solution for data transfer rates of up to 10 Gbit/s and a bandwidth of 500 MHz; up to 40Gbit/s for Cat.7 (cable material is able to transfer category 7- 600 MHz).
- Patch cable for networking connections between devices. Prepared shielded Twisted Pair cable (PiMF) with RJ-45 connectors on both ends.
- Durable due to moulded kink protection.
- Flexible cable, suitable for narrow bending.
- Impedance: 100 Ohm.
- Contact settings 1:1, in accordance with the EIA/TIA 568 standard.
- Construction: 8 lines, pairs shielded with aluminium foil, complete braided shielding.





| | Order-No. | P.U. |
|---|---|---|
| VALUE S/FTP Cable (Cat.7), with RJ-45 connectors (500 MHz), grey, 0.5 m | 21.99.0850 | 100 |
| VALUE S/FTP Cable (Cat.7), with RJ-45 connectors (500 MHz), grey, 1.0 m | 21.99.0851 | 100 |
| VALUE S/FTP Cable (Cat.7), with RJ-45 connectors (500 MHz), grey, 2.0 m | 21.99.0852 | 100 |
| VALUE S/FTP Cable (Cat.7), with RJ-45 connectors (500 MHz), grey, 3.0 m | 21.99.0853 | 50 |
| VALUE S/FTP Cable (Cat.7), with RJ-45 connectors (500 MHz), grey, 5.0 m | 21.99.0855 | 50 |

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## ROLINE S/FTP Cable (Cat.7 / Cl. F), with RJ-45 connectors (500 MHz), LSOH

Cat.7 Class F | S/FTP

- The cheap solution for data transfer rates of up to 10 Gbit/s for Cat.6a bandwidth of 500 MHz; up to 40 Gbit/s for Cat.7 (cable material is able to transfer Category 7- 600 MHz)
- Patch cord for networking connections between devices
- Prepared shielded Twisted Pair cable (PiMF) with RJ-45 connectors on both ends
- Durable due to moulded kink protection
- Flexible cable, suitable for narrow bending
- Impedance: 100 Ohm
- Colour: grey
- Contact settings 1:1, in accordance with the EIA/TIA 568 standard
- Construction: 8 lines + pairs shielded with aluminium foil, complete shielding in tinned copper braid





| | Order-No. | P.U. |
|---|---|---|
| ROLINE S/FTP Cable (Cat.7), with RJ-45 connectors (500 MHz), LSOH, grey, 0.5 m | 21.15.0854 | 100 |
| ROLINE S/FTP Cable (Cat.7), with RJ-45 connectors (500 MHz), LSOH, grey, 1.0 m | 21.15.0851 | 100 |
| ROLINE S/FTP Cable (Cat.7), with RJ-45 connectors (500 MHz), LSOH, grey, 2.0 m | 21.15.0852 | 100 |
| ROLINE S/FTP Cable (Cat.7), with RJ-45 connectors (500 MHz), LSOH, grey, 3.0 m | 21.15.0853 | 50 |
| ROLINE S/FTP Cable (Cat.7), with RJ-45 connectors (500 MHz), LSOH, grey, 5.0 m | 21.15.0855 | 50 |

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Halogenfree
Flame retardant
Low Smoke

## ROLINE Lockable RJ45 Plug with Key

- Provides a cost effective solution to secure an exposed network jack by restricting access from an unauthorized user with an endpoint devices like network switches, routers and servers
- For blocking unused ports on a switch to prevent unauthorized access
- To prevent damage of an upgrade port on a wide range of devices
- Snaps securely into any industry-standard RJ45 port, physically restricting and blocking cord access to unauthorized users and to prevent tampering, such as the insertion of a foreign object into the jack



| | Order-No. | P.U. |
|---|---|---|
| ROLINE Lockable RJ45 Plug with Key | 21.17.3067 | 10 |

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## Category 8 Cabling

DATA CENTER Product | Cat.8 Class I | S/FTP

**The demand of bandwidth continues to increase, and most of the existing network cable infrastructures in data centers, which were designed earlier for an intended lifespan of more than 15 years, must face today's challenges and future requirements, which are often unpredictable.**

Under these circumstances, the new standard Category 8 cabling has been developed and approved by TIA to provide numerous benefits for data centers looking to seamlessly add bandwidth for Ethernet.

Category 8, the standard for next-generation twisted-pair cabling specifications, allows the transport data up to four times faster on the same type of cabling already being used, supporting 25GBASE-T and 40GBASE-T applications for short distances (up to 30 meters) for switch-to-server connections (primarily in top-of-rack or end-of-row topologies)

**The advantages of Category 8 cabling:**

- Category 8 offers four times the bandwidth of Category 6A cabling, with internal impairments specified up to 2 GHz
- Category 8 cables are shielded, though shielded cabling systems must be grounded, this is also not an issue in most data centers, since the connections are closer together. Shielding problems like ground loops can typically be avoided when both ends of the channel are in the same room and nearby
- Category 8 connectors use the familiar RJ45 interface. The jacks require proper grounding to the cable and to the device they are installed into (patch panel or outlet), therefore they are designed for field termination
- Category 8 number of connectors is limited to two connectors in the copper channel (excluding connections on end equipment), this is typically adequate in a data center environment and many common enterprise links.
- Maximum reach: 30 meter of channel (maximum 24m link cable + 2x 3m patch cable)

| Category | ISO Channel Class | Maximum Bandwidth | Maximum Etherent Data Rate | Cabling System | Connector Type |
|---|---|---|---|---|---|
| 6 | E | 250 MHz | 1000 Mbit/s | Unshielded or shielded | RJ45 |
| 6A | EA | 500 MHz | 10 Gbit/s | Unshielded or shielded | RJ45 |
| 7* | F | 600 MHz | 10 Gbit/s | Shielded only | Non-RJ45 (IEC 60603-7-71 and IEC 61076-3-104) |
| 7A* | FA | 1000 MHz | 10 Gbit/s | Shielded only | Non-RJ45 (IEC 60603-7-71 and IEC 61076-3-104) |
| 8 | 8.I and 8.II | 2000 MHz | 25 Gbit/s / 40 Gbit/s | Shielded only | RJ45 |

*** Category 7 and 7A are not recognized by ANSI/TIA-568-C.2**

For a Cat.8 channel link S/FTP Cabling we recommend to use the following components:
21.15.0005 ROLINE S/FTP Cable, Cat.8, Solid Wire, AWG22 (24m)
26.11.0381 ROLINE Cat.8 RJ45 Keystone, Jack, toolless
21.17.3086 ROLINE Cat.8 Shielded Field Connector RJ45 plug
21.15.1851 to 21.15.1853 ROLINE S/FTP Patch Cable Solid Cat.8, Yellow (1m to 3m)
21.15.1861 to 21.15.1863 ROLINE S/FTP Patch Cable Stranded Cat.8, Yellow (1m to 3m)

**The accredited German laboratory GHMT has tested and certified this product combination, in a 2 connector Channel of 30 meters, certificate no. z5236c-18-E.**

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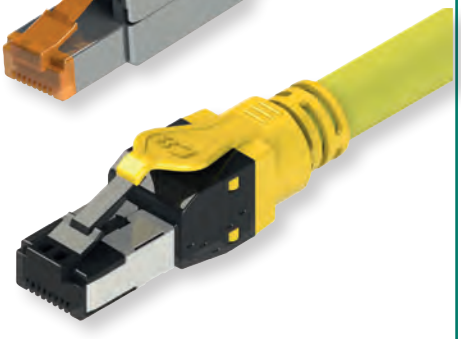
Halogenfree Flame retardant Low Smoke



21.15.0005



21.15.1851



21.15.1861

| | Order-No. – P.U. |
|---|---|
| ROLINE S/FTP Cable Cat.8, Solid Wire, LSOH, 100 m | 21.15.0005 – 2 |
| | **Order-No. – P.U.** |
| ROLINE S/FTP Patch Cord Cat.8, solid, LSOH, yellow, 1.0 m | 21.15.1851 – 100 |
| ROLINE S/FTP Patch Cord Cat.8, solid, LSOH, yellow, 2.0 m | 21.15.1852 – 100 |
| ROLINE S/FTP Patch Cord Cat.8, solid, LSOH, yellow, 3.0 m | 21.15.1853 – 50 |
| | **Order-No. – P.U.** |
| ROLINE S/FTP Patch Cord Cat.8, stranded, LSOH, yellow, 1.0 m | 21.15.1861 – 100 |
| ROLINE S/FTP Patch Cord Cat.8, stranded, LSOH, yellow, 2.0 m | 21.15.1862 – 100 |
| ROLINE S/FTP Patch Cord Cat.8, stranded, LSOH, yellow, 3.0 m | 21.15.1863 – 50 |
| | **Order-No. – P.U.** |
| ROLINE Cat.8 Field Connector Plug RJ45 | 21.17.3086 – 50 |
| | **Order-No. – P.U.** |
| ROLINE Keystone Jack, Cat.8, RJ-45, STP, tool-free, silver | 26.11.0381 – 50 |



21.17.3086

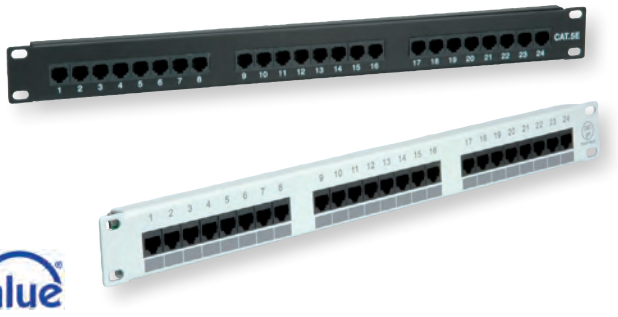


26.11.0381

## VALUE Cat.5e / Cl. D 19“ Patch Panel, 24 Ports, UTP

DATA CENTER Product

- The panel complies with the EIA/TIA 568 TSB40a standard
- The cable connection on the back is implemented via LSA-plus connection technology with colour coding on the top in accordance with EIA/TIA 568 A/B
- 24 unshielded ports



| | Order-No. – P.U. |
|---|---|
| VALUE Cat.5e / Cl. D 19“ Patch Panel, 24 Ports, UTP, black | 26.99.0349 – 5 |
| VALUE Cat.5e / Cl. D 19“ Patch Panel, 24 Ports, UTP, light grey | 26.99.0347 – 5 |

## ROLINE Cat.5e / Cl. D 19“ Patch Panel, 24 Ports, UTP

DATA CENTER Product

- The UTP patch panels are compliant with EIA/TIA 568 TSB40a
- LSA-plus technology
- 24 unshielded ports

**For a structured unshielded cabling system we recommend to use the following components:**
ROLINE Cat.5e UTP Cable, Solid Wire, AWG24: 21.15.0512 (100 m), 21.15.0511 (300 m)

ROLINE Cat.5e Flush/Surface Mount Wall Jack, unshielded: 25.16.8506 (white), 25.16.8501 (ivory)/25.16.8406 (white), 25.16.8401 (ivory)
ROLINE Cat.5e 19“ Patch Panel, 24 Ports, unshielded: 26.11.0349 (black), 26.11.0347 (light grey)
ROLINE Cat.5e UTP Patch Cord, grey, 5 m: 21.15.0505
Our in-house laboratory has tested this cable-plug combination, in a Channel of 100 meters, in compliance with Class D specifications.

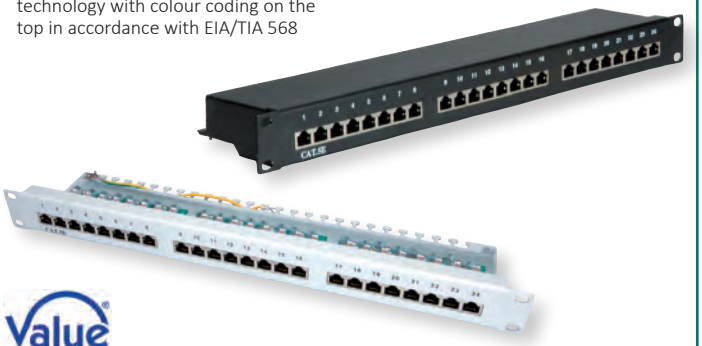


| | Order-No. – P.U. |
|---|---|
| ROLINE Cat.5e / Cl. D 19“ Patch Panel, 24 Ports, UTP, black | 26.11.0349 – 5 |

## VALUE Cat.5e / Cl. D 19“ Patch Panel, 24 Ports, STP

DATA CENTER Product

- The VALUE Cat.5e patch panels comply with the EIA/TIA 568 TSB40a standard
- The cable connection on the back is implemented via LSA-plus connection technology with colour coding on the top in accordance with EIA/TIA 568
- Casing and covering hood of sheet steel
- 24 shielded Ports



| | Order-No. – P.U. |
|---|---|
| VALUE Cat.5e / Cl. D 19“ Patch Panel, 24 Ports, STP, black | 26.99.0328 – 5 |
| VALUE Cat.5e / Cl. D 19“ Patch Panel, 24 Ports, STP, light grey | 26.99.0329 – 5 |

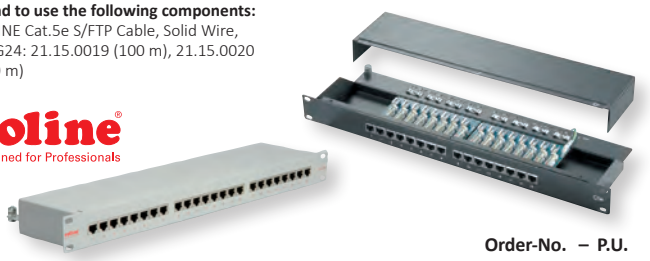
## ROLINE Cat.5e / Cl. D 19“ Patch Panel, 24 Ports, STP

DATA CENTER Product

- The panels comply with the EIA / TIA 568 Cat. 5e TSB40A standard
- The cable connection on the back is implemented via LSA-plus connection technology with colour coding on the top in accordance with EIA/TIA 568
- Sheet steel housing and cover
- 24 shielded Ports

**For a structured cabling system we recommend to use the following components:**
ROLINE Cat.5e S/FTP Cable, Solid Wire, AWG24: 21.15.0019 (100 m), 21.15.0020 (300 m)

ROLINE Cat.5e Flush/Surface Mount Wall Jack, shielded: 25.16.8487 (white), 25.16.8486 (ivory)/25.16.8387 (white), 25.16.8386 (ivory)
ROLINE Cat.5e 19“ Patch Panel, 24 Ports, shielded: 26.11.0329 (light grey), 26.11.0328 (black)
ROLINE Cat.5e S/FTP Patch Cord, grey, 5 m: 21.15.0305
Our in-house laboratory has tested this cable-plug combination, in a Channel of 100 meters, in compliance with Class D specifications.



| | Order-No. – P.U. |
|---|---|
| ROLINE Cat.5e / Cl. D 19“ Patch Panel, 24 Ports, STP, black | 26.11.0328 – 3 |
| ROLINE Cat.5e / Cl. D 19“ Patch Panel, 24 Ports, STP, light grey | 26.11.0329 – 3 |

## VALUE Cat.6/Cl. E 19“ Patch Panel, 24 Ports, UTP

DATA CENTER Product

- Cost-effective VALUE patch panels for use in Fast Ethernet and Gigabit Ethernet networks
- The panels comply with the EIA/TIA 568A
- The cable connection on the back is implemented via LSA-plus connection technology with colour coding on the top in accordance with EIA/TIA 568
- 24 unshielded ports



| | Order-No. – P.U. |
|---|---|
| VALUE Cat.6/Cl. E 19“ Patch Panel, 24 Ports, UTP, black | 26.99.0362 – 5 |
| VALUE Cat.6/Cl. E 19“ Patch Panel, 24 Ports, UTP, light grey | 26.99.0355 – 5 |



## VALUE Cat.6 / Cl. E 19“ Patch Panel, 24 Ports STP

DATA CENTER Product

- The VALUE Cat.6/Class E 19“ patch panels fulfil the Cat.6/Class E Permanent Link Standard and is ideal for Gigabit Ethernet networks
- Cable assembly takes place using LSA-plus piercing terminals with colour coding on the top in accordance with EIA/TIA 568
- Sheet steel housing and cover



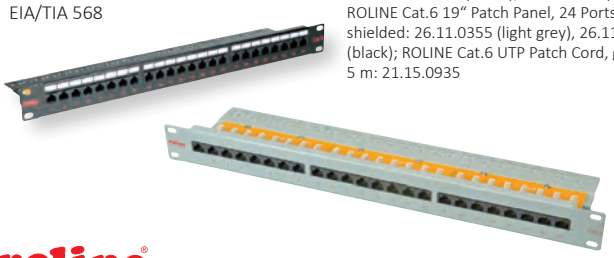
| | Order-No. – P.U. |
|---|---|
| VALUE Cat.6/Cl. E 19“ Patch Panel, 24 Ports, STP, black | 26.99.0353 – 5 |
| VALUE Cat.6/Cl. E 19“ Patch Panel, 24 Ports, STP, grey | 26.99.0354 – 5 |

## ROLINE Cat.6 / Cl. E 19“ Patch Panel, 24 Ports UTP

DATA CENTER Product

- The ROLINE Cat.6/Class E 19“ patch panels fulfil the Cat.6/Class E Permanent Link Standard and is ideal for Gigabit Ethernet networks
- Cable assembly takes place using LSA-plus piercing terminals with colour coding on the top in accordance with EIA/TIA 568

**For a structured cabling system we recommend to use the following components:**
ROLINE Cat.6 UTP Cable, Solid Wire, AWG23: 21.15.0990 (100 m), 21.15.0991 (300 m)
ROLINE Cat.6 Flush Mount Wall Jack, unshielded: 25.16.8494 (white), 25.16.8500 (ivory)
ROLINE Cat.6 Surface Mount Wall Jack, unshielded: 25.16.8394 (white), 25.16.8395 (ivory)
ROLINE Cat.6 19“ Patch Panel, 24 Ports, unshielded: 26.11.0355 (light grey), 26.11.0362 (black); ROLINE Cat.6 UTP Patch Cord, grey, 5 m: 21.15.0935



| | Order-No. – P.U. |
|---|---|
| ROLINE Cat.6/Cl. E 19“ Patch Panel, 24 Ports, UTP, black | 26.11.0362 – 3 |
| ROLINE Cat.6/Cl. E 19“ Patch Panel, 24 Ports, UTP, light grey | 26.11.0355 – 3 |

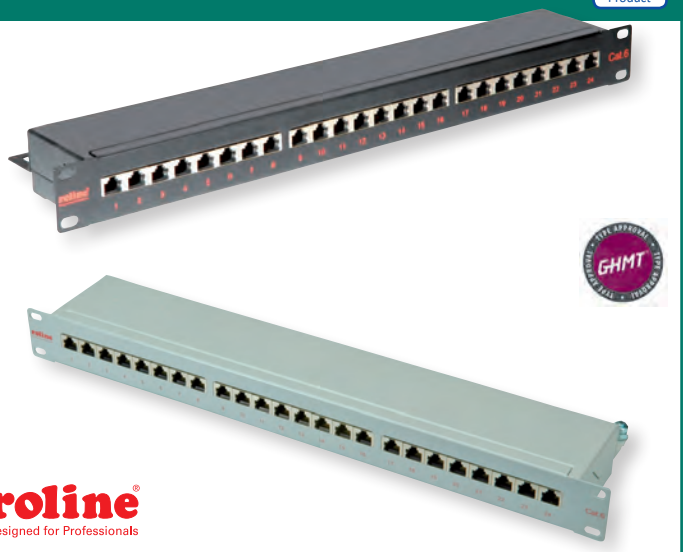
## ROLINE Cat.6 / Cl. E 19“ Patch Panel, 24 Ports STP

DATA CENTER Product

- The ROLINE Cat.6/Class E 19“ patch panels fulfil the Cat.6/Class E Permanent Link Standard and is ideal for Gigabit Ethernet networks
- Cable assembly takes place using LSA-plus piercing terminals with colour coding on the top in accordance with EIA/TIA 568
- Sheet steel housing and cover

**For a structured cabling system we recommend to use the following components:**
ROLINE Cat.6 S/FTP Cable, Solid Wire, AWG23: 21.15.0890 (100 m), 21.15.0891 (300 m)
ROLINE Cat.6 Flush Mount Wall Jack, shielded: 25.16.8492 (white), 25.16.8493 (ivory)
ROLINE Cat.6 Surface Mount Wall Jack, shielded: 25.16.8392 (white), 25.16.8393 (ivory)
ROLINE Cat.6 19“ Patch Panel, 24 Ports, shielded: 26.11.0351 (light grey), 26.11.0361 (black)
ROLINE Cat.6 S/FTP Patch Cord, grey, 5 m: 21.15.0835

**The accredited German laboratory GHMT has tested and certified this product combination, in a Channel of 100 meters, as being compliant to Class E specifications; certificate no. z2365b-10-E (with flush mount) / z2364b-10-E (with surface mount).**

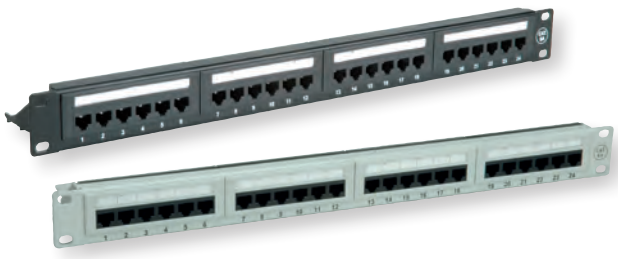


| | Order-No. – P.U. |
|---|---|
| ROLINE Cat.6/Cl. E 19“ Patch Panel, 24 Ports, STP, black | 26.11.0361 – 3 |
| ROLINE Cat.6/Cl. E 19“ Patch Panel, 24 Ports, STP, light grey | 26.11.0351 – 3 |

## VALUE Cat.6A / Cl. EA 19“ Patch Panel, 24 Ports UTP

DATA CENTER Product

- The VALUE Cat. 6A 19“ patch panels fulfil the Cat. 6A/Class EA permanent link standard and are ideal for 10 Gigabit Ethernet networks
- Cable assembly takes place using LSA plus piercing terminals with colour coding on the top in accordance with EIA/TIA 568A
- Sheet steel



| | Order-No. – P.U. |
|---|---|
| VALUE Cat.6A / Cl. EA 19“ Patch Panel, 24 Ports, UTP, black | 26.99.0357 – 5 |
| VALUE Cat.6A / Cl. EA 19“ Patch Panel, 24 Ports, UTP, grey | 26.99.0359 – 5 |

## VALUE Cat.6A / CL. EA 19“ Patch Panel, 24 Ports STP

DATA CENTER Product

- The VALUE Cat. 6A 19“ patch panels fulfil the Cat. 6A/Class EA permanent link standard and are ideal for 10 Gigabit Ethernet networks
- Cable assembly takes place using LSA plus piercing terminals with colour coding on the top in accordance with EIA/TIA 568A
- Sheet steel housing and cover

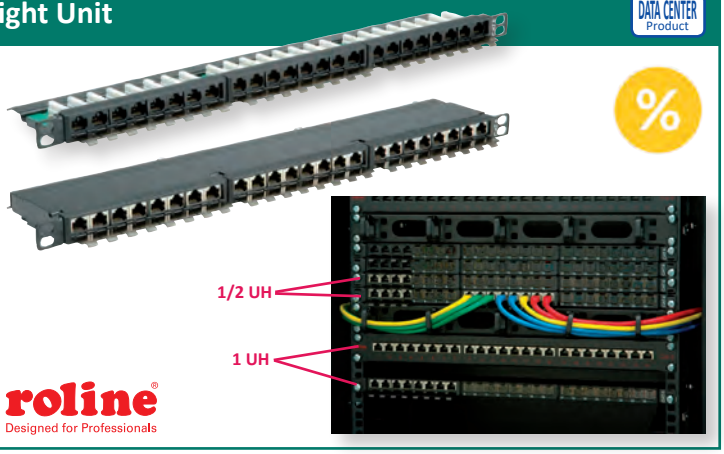


| | Order-No. – P.U. |
|---|---|
| VALUE Cat.6A / Cl. EA 19“ Patch Panel, 24 Ports, STP, black | 26.99.0360 – 5 |
| VALUE Cat.6A / Cl. EA 19“ Patch Panel, 24 Ports, STP, grey | 26.99.0361 – 5 |

## ROLINE 19“-Patch Panel, Cat.6 / Cl. E, 24 Ports, Half Height Unit

DATA CENTER Product

- The ROLINE Cat. 6/Class E 19“ patch panels fulfil the Cat 6/Class E Permanent Link Standard and are ideal for Gigabit Ethernet networks
- Cable assembly takes place using LSA-plus piercing terminals with colour coding on the top in accordance with EIA/TIA 568
- The patch panel delivers a high density offering with the benefit of a single row of piercing terminals. The single row of terminals means that the installation is straight forward. As the panel is only 0.5U in height it allows, by using two panels together, the ability to present 48 ports in 1U of rack space.
- Every port is equipped with a protective flap
- Casing of sheet steel
- Bar for strain relief with cable ties
- Installation height: only 0.5U (half height: 22 mm)




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| | Order-No. – P.U. |
|---|---|
| ROLINE Cat.6 19“-Patch Panel, 24P, STP, black, 0.5 U. (Half height unit), black | 26.11.0373 – 6 |

## ROLINE Cat.5e / Cl. D Wall Mount Patch Panel

- The ROLINE connection takes place using LSA plus cable clamps marked with the appropiate colour coding EIA / TIA 568A specifications. The screen connection and strain relief takes place using metallic cable clips.
- The cable connection takes place using LSA plus cable clamps marked with the appropiate colour coding EIA / TIA 568A specifications. The screen connection and strain relief takes place using metallic cable clips
- Housing and dust cover: metal



| | Order-No. – P.U. |
|---|---|
| ROLINE Cat.5e / Cl. D Wall Mount Patch Panel, 8 Ports, STP, black | 26.11.0310 – 10 |
| ROLINE Cat.5e / Cl. D Wall Mount Patch Panel, 8 Ports, STP, light grey | 26.11.0304 – 10 |

## ROLINE Cat.6 / Cl. E 10“ Patch Panel

- For smaller Network Installations 10“-Patch Panels are used
- This ROLINE 10“-Patchpanel offers 12 Ports
- Shielded version, Metal-Casing
- The Panel complies to the Standard of Cat. 6
- The cable connection on the back is implemented via LSA plus technology with colour coding in accordance with standard



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| | Order-No. – P.U. |
|---|---|
| ROLINE Cat.6 / Cl. E 10“ Patch Panel, 12 Ports, STP, grey | 26.11.0315 – 5 |

## ROLINE Surface / Flush Mount Wall Jack, Cat.5e

- The wall jacks are suitable for a transmission rate of 100Mbit/s and are fitted with two jacks
- Fully screened box in a metal housing; provides high security against EMI
- Cable assembly takes place using LSA-plus piercing terminals with colour coding on the top in accordance with EIA/TIA 568
- 45° tilted plug assembly

**For a structured shielded cabling system we recommend to use the following components:**
ROLINE Cat.5e S/FTP Cable, Solid Wire, AWG24: 21.15.0019 (100 m), 21.15.0020 (300 m); ROLINE Cat.5e Flush/Surface Mount Wall Jack, shielded: 25.16.8487 (white), /25.16.8387 (white)
ROLINE Cat.5e 19“ Patch Panel, 24 Ports, shielded: 26.11.0329 (light grey), 26.11.0328 (black); ROLINE Cat.5e S/FTP Patch Cord, grey, 5 m: 21.15.0305.
Our in-house laboratory has tested this cable-plug combination, in a Channel of 100 meters, in compliance with Class D specifications.

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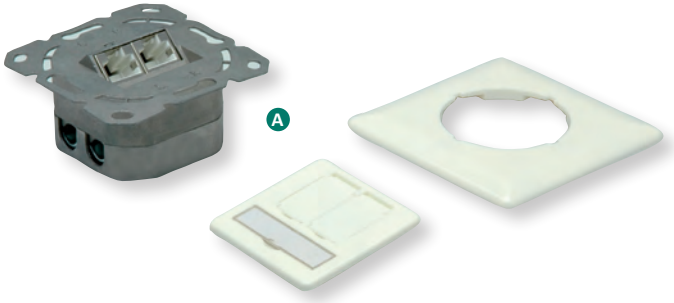


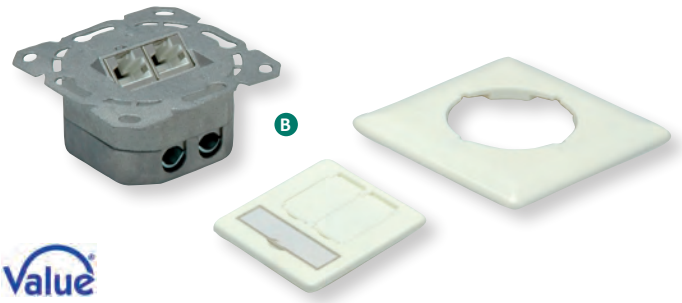


| | Order-No. – P.U. |
|---|---|
| ROLINE Surface Mount Wall Jack, Cat.5e, STP, white | 25.16.8387 – 20 |
| ROLINE Flush Mount Wall Jack, Cat.5e, STP, white | 25.16.8487 – 20 |
| ROLINE Surface Mount Wall Jack, Cat.5e, UTP, white | 25.16.8406 – 20 |
| ROLINE Flush Mount Wall Jack, Cat.5e, UTP, white | 25.16.8506 – 20 |
| ROLINE Faceplate for Flush Mount Wall Jack, white | 25.16.8398 – 20 |

## VALUE Cat.6A / Cl. EA Flush Mount Wall Jack, STP

- The VALUE Cat.6A wall jacks fulfil the Cat.6/Class EA Permanent Link Standard and are ideal for gigabit ethernet networks
- Fully screened box in a metal housing, provides security against EMI (shielded version)
- Cable assembly takes place using LSAplus piercing terminals with colour coding on the top in accordance with EIA/TIA 568




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| | | Order-No. – P.U. |
|---|---|---|
| VALUE Cat.6A / Cl. EA Flush Mount Wall Jack, STP, horizontal, white | A | 25.99.8490 – 20 |
| VALUE Cat.6A / Cl. EA Flush Mount Wall Jack, STP, vertical, white | B | 25.99.8491 – 20 |

## ROLINE Cat.5e/Cat.6 Keystone Jack, RJ-45

- For data transfer rates of up to 1000Mbit/s
- Cable assembly takes place using LSA-plus piercing terminals with colour coding on the top in accordance with EIA/TIA 568

**For a structured unshielded Cat.5e cabling system we recommend to use the following components:**
ROLINE Cat.5e UTP Cable, Solid Wire, AWG24: 21.15.0512 (100 m), 21.15.0511 (300 m)
Flush Mount Wall Jack for Keystones, unloaded: 25.16.8579
ROLINE Cat.5e Keystone, RJ-45, unshielded: 26.11.0343 (light grey), 26.11.0342 (black)
19" Keystone Patch Panel, 24 Ports, unshielded: 26.11.0356 (light grey), 26.11.0357 (black)
ROLINE Cat.5e UTP Patch Cord, grey, 5 m: 21.15.0505

**For a structured unshielded Cat.6 cabling system we recommend to use the following components:**
ROLINE Cat.6 UTP Cable, Solid Wire, AWG23: 21.15.0990 (100 m), 21.15.0991 (300 m)
Flush Mount Wall Jack for Keystones, unloaded: 25.16.8579
ROLINE Cat.6 Keystone, RJ-45, unshielded: 26.11.0353
19" Keystone Patch Panel, 24 Ports, unshielded: 26.11.0356 (light grey), 26.11.0357 (black)
ROLINE Cat.6 UTP Patch Cord, grey, 5 m: 21.15.0935

**For a structured shielded Cat.6 cabling system we recommend to use the following components:**
ROLINE Cat.6 S/FTP Cable, Solid Wire, AWG23: 21.15.0890 (100 m), 21.15.0891 (300 m)
ROLINE Flush Mount Wall Jack for Keystones, unloaded: 25.16.8579
ROLINE Cat.6 Keystone, RJ-45, shielded: 26.11.0358
ROLINE Cat.6 19" Keystone Patch Panel, 24 ports, shielded: 26.11.0359 (light grey), 26.11.0360 (black)
ROLINE Cat.6 S/FTP Patch Cord, grey, 5 m: 21.15.0835
Our in-house laboratory has tested this cable-plug combination, in a Channel of 100 meters, in compliance with Class E specification.

**For a structured shielded Cat.6 cabling system we recommend to use the following components:**
ROLINE Cat.6 S/FTP Cable, Solid Wire, AWG23: 21.15.0890 (100 m), 21.15.0891 (300 m)
Flush Mount Wall Jack for Keystones, unloaded: 25.16.8579
ROLINE Cat.6 Keystone, RJ-45, shielded: 26.11.0358
19" Keystone Patch Panel, 24 ports, shielded: 26.11.0359 (light grey), 26.11.0360 (black)
ROLINE Cat.6 S/FTP Patch Cord, grey, 5 m: 21.15.0835
Our in-house laboratory has tested this cable-plug combination, in a Channel of 100 meters, in compliance with Class D resp. Class E specifications.




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| | | Order-No. | P.U. |
|---|---|---|---|
| ROLINE Cat.5e Keystone Jack, RJ-45, UTP, light grey | A | 26.11.0343 | 60 |
| ROLINE Cat.6 Keystone Jack, RJ-45, UTP, tool-free, white | B | 26.11.0353 | 60 |
| ROLINE Cat.6/Class E Keystone Jack, RJ-45, STP, tool-free, silver | C | 26.11.0358 | 60 |
| Flush Mount Wall Oulet for Keystones, 2-port | D | 25.16.8579 | 20 |
| Surface Wall Mount Frame | E | 25.16.8484 | 20 |

## ROLINE Surface Mount Wall Jack, Cat.6 / Cl. E

- The ROLINE Cat.6/Class E wall outlet sockets fulfil the Cat.6/Class E Permanent Link standard and are ideal for Gigabit Ethernet networks
- Fully screened box in a metal housing, provides security against EMI (shielded version)
- Cable assembly takes place using LSA-plus piercing terminals with colour coding on the top in accordance with EIA/TIA 568
- 45° tilted plug assembly

**For a structured unshielded cabling system we recommend to use the following components:**
ROLINE Cat.6 UTP Cable, Solid Wire, AWG23: 21.15.0990 (100 m), 21.15.0991 (300 m)
ROLINE Cat.6 Flush Mount Wall Jack, unshielded: 25.16.8494 (white), ROLINE Cat.6 Surface Mount Wall Jack, unshielded: 25.16.8394 (white),
ROLINE Cat.6 19" Patch Panel, 24 Ports, unshielded: 26.11.0355 (light grey), 26.11.0362 (black); ROLINE Cat.6 UTP Patch Cord, grey, 5 m: 21.15.0935.
**The accredited German laboratory GHMT has tested and certified this product combination, in a Channel of 100 meters, as being compliant to Class E specifications; certificate no. z2329b-10-E (with flush mount)/z2330b-10-E (with surface mount).**

**For a structured shielded cabling system we recommend to use the following components:**
ROLINE Cat.6 S/FTP Cable, Solid Wire, AWG23: 21.15.0890 (100 m), 21.15.0891 (300 m)
ROLINE Cat.6 Flush Mount Wall Jack, shielded: 25.16.8492 (white),
ROLINE Cat.6 Surface Mount Wall Jack, shielded: 25.16.8392 (white),
ROLINE Cat.6 19" Patch Panel, 24 Ports, shielded: 26.11.0351 (light grey), 26.11.0361 (black); ROLINE Cat.6 S/FTP Patch Cord, grey, 5 m: 21.15.0835.

**The accredited German laboratory GHMT has tested and certified this product combination, in a Channel of 100 meters, as being compliant to Class E specifications;**
**certificate no. z2365b-10-E (with flush mount)/ z2364b-10-E (with surface mount).**

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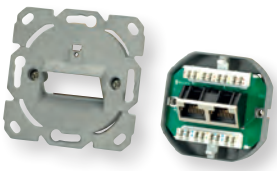


| | Order-No. | P.U. |
|---|---|---|
| ROLINE Surface Mount Wall Jack, Cat.6 / Cl. E, STP, white | 25.16.8392 | 20 |
| ROLINE Flush Mount Wall Jack, Cat.6 / Cl. E, STP, white | 25.16.8492 | 20 |
| ROLINE Surface Mount Wall Jack, Cat.6 / Cl. E, UTP, white | 25.16.8394 | 20 |
| ROLINE Flush Mount Wall Jack, Cat.6 / Cl. E, UTP, white | 25.16.8494 | 20 |
| ROLINE Faceplate for Flush Mount Wall Jack, white | 25.16.8398 | 20 |

## ROLINE Cat.6A / Cl. EA Flush Mount Wall Jack, STP

- The ROLINE Cat.6A wall jacks fulfil the Cat.6/Class EA Permanent Link Standard and are ideal for Gigabit Ethernet networks
- Fully screened box in a metal housing, provides security against EMI (shielded version)
- Cable assembly takes place using LSAplus piercing terminals with colour coding on the top in accordance with EIA/TIA 568





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| | Order-No. | P.U. |
|---|---|---|
| ROLINE Cat.6A / Cl. EA Flush Mount Wall Jack, STP, white | 25.16.8490 | 20 |

## VALUE Cat.6 / Cl. E Surface/Flush Mount Wall Jack

- The VALUE Cat.6/Class E wall mount jacks fulfil the Cat.6/Class E Permanent Link Standard and are ideal for gigabit ethernet networks
- Cable assembly takes place using LSAplus piercing terminals with colour coding on the top in accordance with EIA/TIA 568

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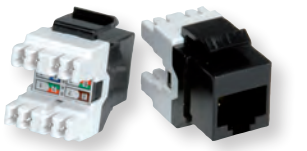
| | Order-No. | P.U. |
|---|---|---|
| VALUE Cat.6 / Cl. E Surface Mount Wall Jack, STP, white | 25.99.8392 | 20 |
| VALUE Cat.6 / Cl. E Surface Mount Wall Jack, UTP, white | 25.99.8394 | 20 |
| VALUE Cat.6 / Cl. E Flush Mount Wall Jack, STP, white | 25.99.8492 | 20 |
| VALUE Cat.6 / Cl. E Flush Mount Wall Jacks, UTP, white | 25.99.8494 | 20 |

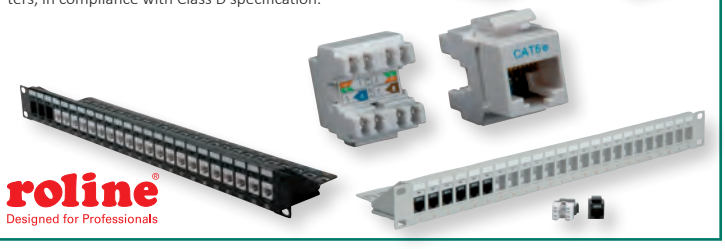
## ROLINE Keystone Jack, Cat.5e / Class D, RJ-45, UTP

DATA CENTER Product

- The system is composed of a 19“ patch panel frame and the UTP Cat.5e RJ-45 keystone jack
- Assembling takes place over LSA-plus
- Colour code on the keystone jacks based on the standard EIA/TIA 568 A and 568 B

**For a structured unshielded Cat.5e cabling system we recommend to use the following components:**
ROLINE Cat.5e UTP Cable, Solid Wire, AWG24: 21.15.0512 (100 m), 21.15.0511 (300 m)
ROLINE Flush Mount Wall Jack for Keystones, unloaded: 25.16.8579
ROLINE Cat.5e Keystone, RJ-45, unshielded: 26.11.0343 (light grey), 26.11.0342 (black)
ROLINE Cat.5e 19“ Keystone Patch Panel, 24 Ports, unshielded: 26.11.0344 (black), 26.11.0345 (light grey)
ROLINE Cat.5e UTP Patch Cord, grey, 5 m: 21.15.0505
Our in-house laboratory has tested this cable-plug combination, in a Channel of 100 meters, in compliance with Class D specification.





| | Order-No. – P.U. |
|---|---|
| ROLINE Cat.5e / Cl. D Keystone Jack, RJ-45, UTP, black | 26.11.0342 – 60 |
| Keystone 19“ Module frame Cat.5/Cat.6, 24 Ports, blank, UTP, black | 26.11.0357 – 5 |
| ROLINE Cat.5e / Cl. D Keystone Jack, RJ-45, UTP, light grey | 26.11.0343 – 60 |
| Keystone 19“ Module frame Cat.5/Cat.6, 24 Ports, blank, UTP, light grey | 26.11.0356 – 5 |

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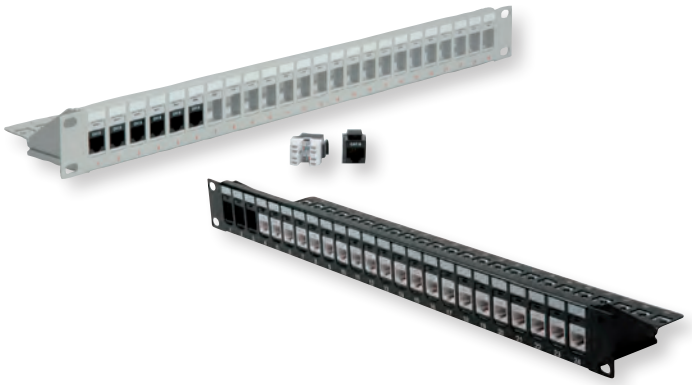
## VALUE Keystone Jack, Cat.6/Class E, RJ-45, UTP, 180°, Tool-free

Tool-free

**Cat.6/Class E Keystone jack for installation in a Keystone blank 19“ patch panel module frame.**
- Unshielded construction
- Colour code on the keystone jacks is based on the standard EIA/TIA 568 A and 568 B
- Toolless installation
- Colour: white







| | Order-No. – P.U. |
|---|---|
| VALUE Keystone Jack, Cat.6/Class E, RJ-45, UTP, 180°, tool-free, white | 26.99.0363 – 40 |
| Keystone 19“ Module frame Cat.5/Cat.6, 24 Ports, blank, UTP, light grey | 26.11.0356 – 5 |
| Keystone 19“ Module frame Cat.5/Cat.6, 24 Ports, blank, UTP, black | 26.11.0357 – 5 |

## ROLINE Keystone Jack, Cat.6/Class E, RJ-45, UTP, Tool-free

Tool-free

- The system is composed of a 19“ patch panel frame and the UTP Cat.6 RJ-45 keystone jacks
- Assembling of cables and keystones takes place over LSA-plus or toolless
- Colour code on the keystone jacks, based on the standard EIA/TIA 568 A and 568 B

**For a structured unshielded Cat.6 cabling system we recommend to use the following components:**
ROLINE Cat.6 UTP Cable, Solid Wire, AWG23: 21.15.0990 (100 m), 21.15.0991 (300 m)
Flush Mount Wall Jack for Keystones, unloaded: 25.16.8579
ROLINE Cat.6 Keystone, RJ-45, unshielded: 26.11.0352 (black), 26.11.0353 (white)
19“ Keystone Patch Panel, 24 Ports, unshielded: 26.11.0356 (light grey), 26.11.0357 (black)
ROLINE Cat.6 UTP Patch Cord, grey, 5 m: 21.15.0935
Our in-house laboratory has tested this cable-plug combination, in a Channel of 100 meters, in compliance with Class E specifications.





| | Order-No. – P.U. |
|---|---|
| ROLINE Keystone Jack, Cat.6/Class E, RJ-45, UTP, tool-free, black | 26.11.0352 – 60 |
| Keystone 19“ Module frame Cat.5/Cat.6, 24 Ports, blank, UTP, black | 26.11.0357 – 5 |
| ROLINE Cat.6 Keystone Jack, RJ-45, UTP, tool-free, white | 26.11.0353 – 60 |
| Keystone 19“ Module frame Cat.5/Cat.6, 24 Ports, blank, UTP, light grey | 26.11.0356 – 5 |

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## ROLINE Keystone Jack, Cat.6/Class E, RJ-45, STP, Tool-free

Tool-free

- The ROLINE Cat. 6/Class E 19“ keystone patch panel system is composed of a 19“ STP patch panel frame (please order separately!) and these shielded Cat.6 RJ-45 keystone jacks
- Colour code on the keystone jacks based on the standard EIA/TIA 568
- Colour: silver

**For a structured shielded Cat.6 cabling system we recommend to use the following components:**
ROLINE Cat.6 S/FTP Cable, Solid Wire, AWG23: 21.15.0890 (100 m), 21.15.0891 (300 m)
ROLINE Flush Mount Wall Jack for Keystones, unloaded: 25.16.8579
ROLINE Cat.6 Keystone, RJ-45, shielded: 26.11.0358
ROLINE Cat.6 19“ Keystone Patch Panel, 24 ports, shielded: 26.11.0359 (light grey), 26.11.0360 (black)
ROLINE Cat.6 S/FTP Patch Cord, grey, 5 m: 21.15.0835
Our in-house laboratory has tested this cable-plug combination, in a Channel of 100 meters, in compliance with Class E specification.







| | Order-No. – P.U. |
|---|---|
| ROLINE Cat.6/Class E Keystone Jack, RJ-45, STP, tool-free, silver | 26.11.0358 – 60 |
| Keystone 19“ Module frame Cat.5/6/6A, 24 Ports, STP, black | 26.11.0360 – 5 |
| Keystone 19“ Module frame Cat.5/6/6A, 24 Ports, STP, light grey | 26.11.0359 – 5 |

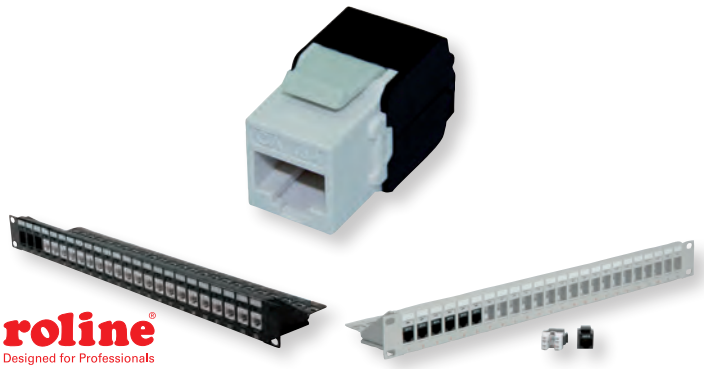
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## ROLINE Keystone Jack, Cat. 6A, RJ-45, UTP, Tool-free

Tool-free

- The Cat.6A keystones support data transfer rates of up to 10 GBit/s and a bandwidth of 500 MHz
- Colour code on the keystone jacks is based on the standard EIA/TIA 568
- Can be used together with Keystone Module frame 26.11.0357 (black) or 26.11.0356 (light grey), Flush Mount Wall Oulet for Keystones, 2-port (25.16.8579)
- Colour: white

| | Order-No. – P.U. |
|---|---|
| ROLINE Keystone Jack, Cat. 6A, RJ-45, UTP, tool-free, white | 26.11.0337 – 50 |
| Keystone 19'' Module frame Cat.5/Cat.6, 24 Ports, blank, UTP, black | 26.11.0357 – 5 |
| Keystone 19'' Module frame Cat.5/Cat.6, 24 Ports, blank, UTP, light grey | 26.11.0356 – 5 |
| Flush Mount Wall Oulet for Keystones, 2-port | 25.16.8579 – 20 |
| Surface Wall Mount Frame | 25.16.8484 – 20 |

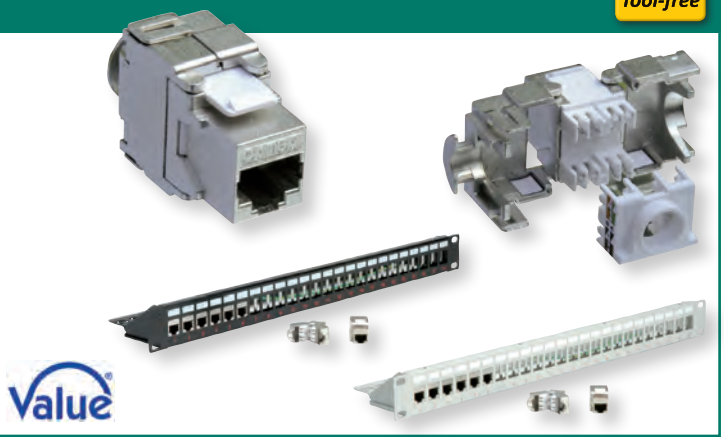



## VALUE Keystone, Cat.6A, RJ-45, STP, Tool-free

Tool-free

**The low-cost solution for Cat 6A cabling for data rates up to 10Gbit/s!**
Cat.6/Class E Keystone jack for installation in a Keystone blank 19" patch panel module frame.
- Connect the cable to the Keystones on modified LSA connections
- Toolless mounting- without using a LSA tool: cable wires are simply placed into the guides of Keystone module, the module is closed and compressed- the connection is ready for use
- Colour code on the Keystone jacks based on the standard EIA/TIA 568 A & B
- Colour: silver

| | Order-No. – P.U. |
|---|---|
| VALUE Cat.6A Keystone, RJ-45, STP, tool-free, silver | 26.99.0366 – 40 |
| Keystone 19'' Module frame Cat.5/Cat.6/Cat.6A, 24 Ports, STP, black | 26.11.0360 – 5 |
| Keystone 19'' Module frame Cat.5/Cat.6/Cat.6A, 24 Ports, STP, light grey | 26.11.0359 – 5 |
| Flush Mount Wall Oulet for Keystones, 2-port | 25.16.8579 – 20 |
| Surface Wall Mount Frame | 25.16.8484 – 20 |

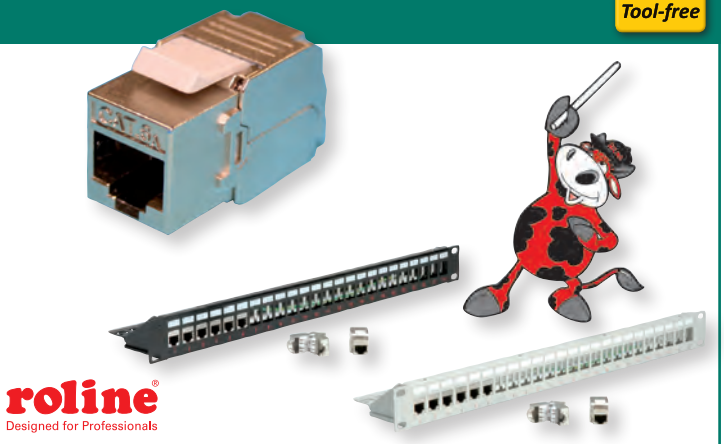



## ROLINE Keystone Jack, Cat.6A, RJ-45, STP, Tool-free

Tool-free

**Keystone in proven ROLINE quality!**
- The ROLINE Cat.6A Keystones are ideal for use in Gigabit Ethernet networks. They support data transfer rates up to 10 Gbit/s with a bandwidth of 500 MHz
- Connect the cable to the Keystones via LSA connections without special tools - place the cable ends simply into the guides (with color coding), close and compress the module- the connection is ready for use
- The Keystone modules can be „latched" into a 19'' module support rack, which is optionally available in black (26.11.00360) or light gray (26.11.0359). Or in combination with a module receptacle (25.16.8579) you can realise a junction box.
- The Keystones are coded according to EIA/TIA 568

| | Order-No. – P.U. |
|---|---|
| ROLINE Keystone Jack, Cat.6A, RJ-45, STP, tool-free, silver | 26.11.0367 – 50 |
| Keystone 19'' Module frame Cat.5/Cat.6/Cat.6A, 24 Ports, STP, black | 26.11.0360 – 5 |
| Keystone 19'' Module frame Cat.5/Cat.6/Cat.6A, 24 Ports, STP, light grey | 26.11.0359 – 5 |




## VALUE Keystone Jack, Cat.6A, RJ-45, STP, tool-free, SLIM

**Keystone in Cat.6A quality for use in 10 Gigabit Ethernet networks with a bandwidth of 500 MHz - now in a particularly slim design**
- The cables are connected to the keystones without tools- the cable cores are simply inserted into the guides; the module is closed and compressed- the connection is ready
- Keystones with printed colour coding according to EIA / TIA 568
- The Keystone modules can be latched into a 19" module carrier (26.11.0360 / 26.11.0359 or 26.99.0331 / 26.99.0332) with earthing connection. Or they become a junction box together with a module holder 25.16.8579
- The VALUE Cat.6A/Class EA 19" keystones meet the transmission requirements of a Cat.6A/Class EA Link
- The particularly slim design offers you considerable advantages in high-density network environments

| | Order-No. – P.U. |
|---|---|
| VALUE Keystone Jack, Cat.6A, RJ-45, STP, tool-free, SLIM, silver | 26.99.0375 – 10 |



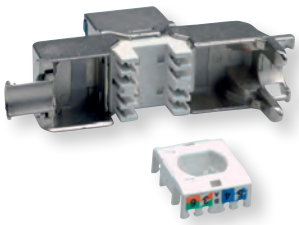
## VALUE Cat.6A / Cl. EA Keystones, RJ-45, Tool-free

Tool-free

**The low-cost solution for Cat 6.A cabling for data rates up to 10Gbit/s! Cat.6A/Class EA Keystone jack for installation in a Keystone blank 19“ patch panel module frame.**

- Toolless mounting- without using a LSA tool: cable wires are simply placed into the guides of Keystone module, the module is closed and compressed- the connection is ready for use
- Cat.6A Keystone Jack (Module) UTP/ STP
- Unshielded/shielded housing
- Contacts gold plated
- Slim type
- With plastic internal shutter black
- 180 degree cable entry
- Support PoE per IEEE 802.3af, PoE+ per IEEE 802.3at
- For cable AWG 22-24(0.45-0.65mm)
- For cable OD: 5.0-8.5mm
- Color code on the Keystone jacks based on the standard EIA/TIA 568 A & B
- Dimensions (L x W x H): 37.9× 15.8 × 22.2mm






| | Order-No. – P.U. |
|---|---|
| VALUE Cat.6A / Cl. EA Keystone, RJ-45, UTP, with shutter, tool-free | 26.99.0377 – 50 |
| VALUE Cat.6A / Cl. EA Keystone, RJ-45, STP, with shuttertool-free | 26.99.0378 – 50 |

## ROLINE Cat.6A / Cl. EA Keystones, RJ-45, Tool-free

Tool-free

**The low-cost solution for Cat.6A cabling for data rates up to 10Gbit/s! Cat.6A/Class EA Keystone jack for installation in a Keystone blank 19“ patch panel module frame.**

- Toolless mounting- without using a LSA tool: cable wires are simply placed into the guides of Keystone module, the module is closed and compressed- the connection is ready for use
- Cat.6A Keystone Jack (Module) UTP
- Unshielded housing
- Contacts gold plated
- Slim type
- With plastic internal shutter black
- 180 degree cable entry
- Support PoE per IEEE 802.3af, PoE+ per IEEE 802.3at
- For cable AWG 22-24(0.45-0.65mm)
- For cable OD: 5.0-8.5mm
- Color code on the Keystone jacks based on the standard EIA/TIA 568 A & B
- Dimensions (L x W x H): 37.9× 15.8 × 22.2mm




| | Order-No. – P.U. |
|---|---|
| ROLINE Cat.6A / Cl. EA Keystone, RJ-45, UTP, with shutter, tool-free, black | 21.17.0320 – 50 |
| ROLINE Cat.6A / Cl. EA Keystone, RJ-45, STP, with shutter, tool-free, silver | 21.17.0321 – 50 |

## ROLINE Cat.6/6A Wall Jacks Keystone

Tool-free

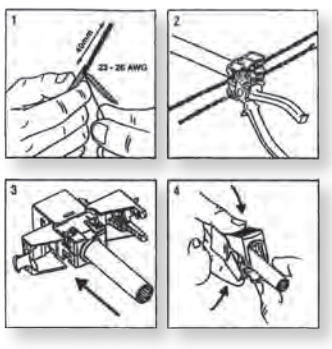
**Cat.6 Keystones in ROLINE quality for use in Gigabit Ethernet networks or in Cat.6A 10 Gigabit Ethernet networks with a bandwidth of 500 MHz**

- Connect the cable to the Keystones without the use of tools- the cable wires are simply placed in the guides, the module should be closed and compressed- ready is the connection
- Toolless Assembling
- The Keystone modules can be hooked into a 19“ module (unshielded: 26.11.0357 26.11.0356 in black or light gray / black or shielded 26.11.0360 26.11.0359 in light gray). Or together with a flush mount wall jack module for keystones 25.16.8579 they become a junction box
- Colour code on the keystone jacks is based on the standard EIA/TIA 568
- The ROLINE Cat 6 / Class E 19“-Keystones satisfy the transmission properties of a Cat 6 / Class E links
- The ROLINE Cat 6A / Class EA 19 „-Keystones meet the transmission properties of a Cat 6A / Class EA links
- Unique wire management stuffer cap separates pairs, prevents crossed pairs, and reduces crosstalk

**Shielded Versions:**

- Shield housing made of die-cast solid zinc for better ANEXT and EMI protection.





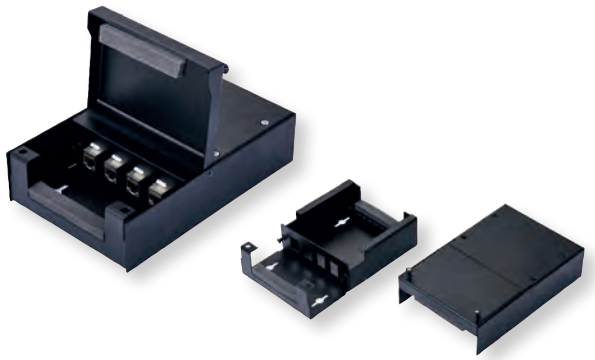
| | Order-No. – P.U. |
|---|---|
| ROLINE Cat.6/Class E Keystone Jack SLIM, RJ-45, UTP, tool-free, black | 26.11.0375 – 50 |
| ROLINE Keystone Jack, Cat.6A / Cl. EA, RJ-45, UTP, tool-free, SLIM, black | 26.11.0376 – 50 |
| ROLINE Cat.6/Class E Keystone Jack, RJ-45, STP, SLIM, tool-free, silver | 26.11.0377 – 50 |
| ROLINE Keystone Jack, Cat.6A / Cl. EA, RJ-45, STP, tool-free, SLIM, silver | 26.11.0378 – 50 |

## VALUE Distribution/Consolidation Box, 4 Keystones

**Distribution boxes can increase the flexibility of desk locations in open office environments. They are also designed for use as consolidation points and they can be useful in offices where frequent relocation of outlets in the work area is required. Easy to install on walls, under raised floors.**

- Compatible with all snap-in connectors (keystones), which can be easily inserted/removed by a simple one click movement.
- Box for 4 modules RJ45 keystone connectors
- Mounting holes for UTP/STP keystones
- Hinged lid
- Cable openings at front protected by hinged cover and rear with dust protection cover
- Material: steel
- Color: black (similar to RAL9005)
- Space saving, easy to install

- Remark: Keystones are not included. Please order them separately.



| | Order-No. – P.U. |
|---|---|
| VALUE Distribution/Consolidation Box, 4 Keystones, black | 26.99.0330 – 10 |

## VALUE Keystone Module Frame 8 / 12 Ports, blank, UTP

- Patch panel module frame for UTP Cat.5 / Cat.6 RJ-45 keystone jacks
- Assembling of cables and keystones takes place over LSA-plus
- Color code on the keystone jacks, based on the standard EIA/TIA 568 A and 568 B
- 8 ports
- Color: Black

- Remark: Keystones are not included. Please order them separately.





| | Order-No. – P.U. |
|---|---|
| Keystone Module frame, 8x RJ45, blank, UTP, black | 26.99.0331 – 5 |
| Keystone Module frame, 12x RJ45, blank, UTP, black | 26.99.0332 – 5 |

## VALUE DIN Rail Adapter, Empty, 1x / 2x Keystones

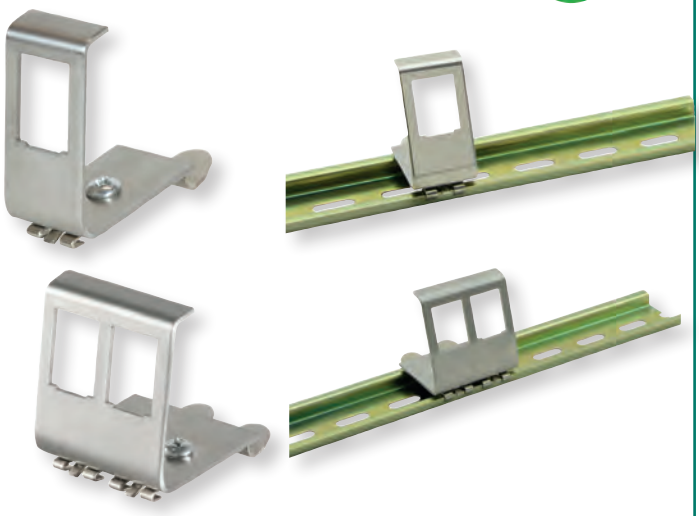
NEW

**DIN Rail Adapter, empty for 1x / 2x Keystones**

- Stainless Steel DIN-Rail Adapter for Keystone, coupler
- For carrying Keystone modules

**Note: Delivery without Keystone Modules**, please order them separately

- Contents: 1x Adapter

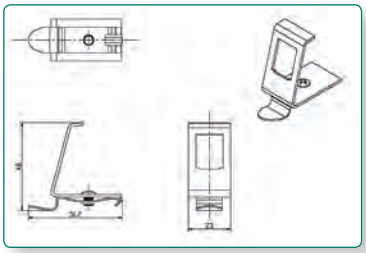


| | Order-No. – P.U. |
|---|---|
| VALUE DIN Rail Adapter, empty, 1x Keystone | 21.99.3008 – 10 |
| VALUE DIN Rail Adapter, empty, double for 2x Keystones | 21.99.3009 – 10 |

## ROLINE DIN Rail Adapter for Keystones

- Stainless Steel DIN-Rail Adapter for Keystone, coupler
- For carrying Keystone modules
- For example, an 8-pole e.g. ROLINE Cat. 6A Keystone 26.11.0353/.0358/.0366...

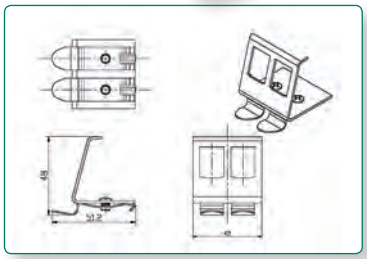
**Note: Delivery without Keystone Modules**











| | Order-No. – P.U. |
|---|---|
| ROLINE DIN Rail Adapter, empty, 1x for one Keystone | 21.13.1307 – 10 |
| ROLINE DIN Rail Adapter, empty, double for 2x Keystones | 21.13.1308 – 10 |

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## ROLINE Keystone Holder for DIN Rail

- Cable access variable 45° from the top or at the bottom, connection direction 45° downwards
- Construction width 1 unit
- Potential equalization via an integrated potential equalization plate
- Integrated dust cover
- Snap mechanism
- Suitable modules: 26.11.0375 ... 26.11.0378

**Note: Delivery without Keystone Modules**





| | Order-No. – P.U. |
|---|---|
| ROLINE Keystone Holder (for 26.11.0375-0378), DIN Rail | 26.11.0339 – 20 |

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## VALUE USB 3.0 / HDMI / Keystone Module

**Ideal solution to easily connect a Macbook, Ultrabook, Notebook/Laptop or PC to a HDD/SSD through e.g. a floor tank, wall outlet or tablebox.**

- Keystone with two USB 3.0 F/F sockets
- Ideal for home offices, conference rooms and classrooms
- Contents: 1x Keystone







| | Order-No. – P.U. |
|---|---|
| VALUE USB 3.0 Keystone Module, 1pc/set, black | 25.99.8207 – 20 |
| VALUE HDMI Keystone Module, black | 25.99.8208 – 20 |
| VALUE Keystone Socket Cover, 10pcs/set , black | 25.99.8209 – 20 |

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## VALUE Cat.6A Keystone Modular Coupler, STP

- The shielded RJ-45 couplers are able to extend Twisted Pair Cat.6a cables
- Best transmission characteristics for pair combination 1/2 and 3/6 (as used by all Ethernet versions)
- Whole Housing of metal to safe the signals against electrical and magnetical interferences
- 8 contacts, 1:1 connected



| | Order-No. – P.U. |
|---|---|
| VALUE Cat.6A Keystone Modular Coupler, STP | 21.99.3006 – 20 |

## ROLINE Cat.6A Keystone Modular Coupler, STP

- The shielded RJ-45 couplers are able to extend Twisted Pair Cat.6A cables
- Best transmission characteristics for pair combination 1/2 and 3/6 (as used by all Ethernet versions)
- Hole Housing of metal to safe the signals against electrical and magnetical interferences
- 8 contacts, 1:1 connected

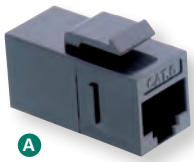


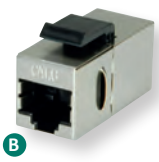


| | Order-No. – P.U. |
|---|---|
| ROLINE Cat.6A Keystone Modular Coupler, STP | 21.17.3006 – 20 |

## RJ-45 Keystone Modular Couplers, Cat.6

- The couplers are available in 2 versions:
  - shielded with metal housing, colour: silver
  - unshielded with plastic housing, colour: black
- The couplers are able to extend Cat.6 cables
- All couplers with eight contacts, 1:1 connected
- Can be installed in suitable keystone patch panels, e. g.:
  - Keystone Blank Patch Panel, 24 Ports, unshielded, light grey (26.11.0356)
  - Keystone Blank Patch Panel, 24 Ports, unshielded, black (26.11.0357)
  - Keystone Blank Patch Panel, 24 Ports, shielded, light grey (26.11.0359)
  - Keystone Blank Patch Panel, 24 Ports, shielded, black (26.11.0360)




| | | Order-No. – P.U. |
|---|---|---|
| VALUE RJ-45 Keystone Modular Coupler, Cat.6, UTP, black | A | 21.99.3003 – 20 |
| VALUE RJ-45 Keystone Modular Coupler, Cat.6, STP | B | 21.99.3004 – 20 |
| ROLINE RJ-45 Keystone Modular Coupler, Cat.6, UTP, black | A | 21.17.3003 – 20 |
| ROLINE RJ-45 Keystone Modular Coupler, Cat.6, STP, silver | B | 21.17.3004 – 20 |

## VALUE Kink Protection Hood for RJ-45

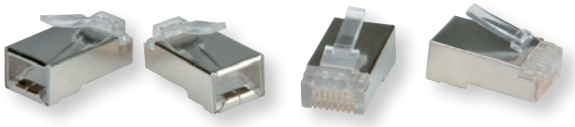
- Kink protection hood for RJ45 cables
- Suitable for round cables with max. external diameter 6.5 mm
- Not suitable for HiRose plugs
- Package unit 10 connectors



| | Order-No. – P.U. |
|---|---|
| VALUE Kink protection hood for RJ-45, grey, grey, 10 pcs. | 12.99.0000 – 10 |

## ROLINE Modular Plugs

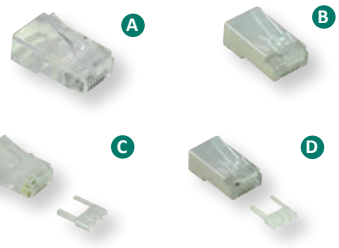
- For Cat.5e/Cat.6 cabling systems
- Modular plugs shielded/unshielded
- 12.01.1087/1089, 21.17.3060/3061 for stranded wire
- 21.17.3062 for solid wire; with insert
- Package unit: 10 pieces



| | Order-No. – P.U. |
|---|---|
| ROLINE Cat.5e Modular Plug, 8p8c, UTP, for Stranded Wire, 10 pcs. | 12.01.1087 – 100 |
| ROLINE Cat.5e Modular Plug, 8p8c, STP, for Stranded Wire, 10 pcs. | 12.01.1089 – 100 |
| ROLINE Cat.6 Modular Plug, UTP, for Stranded Wire, 10 pcs. | 21.17.3060 – 50 |
| ROLINE Cat.6 Modular Plug, STP, for Stranded Wire, 10 pcs. | 21.17.3061 – 50 |
| ROLINE Cat.6 Modular Plug, UTP, for Solid Wire, 10 pcs. | 21.17.3062 – 50 |
| ROLINE Cat.6 Modular Plug, STP, for Solid Wire, 10 pcs. | 21.17.3063 – 50 |

## VALUE Cat.6/6A Modular Plug, UTP, for Stranded Wire

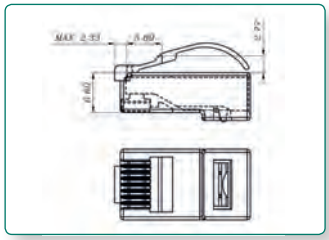
- Modular Plugs unshielded
- Gold plated
- For stranded wire
- Package unit 10 /100 connectors

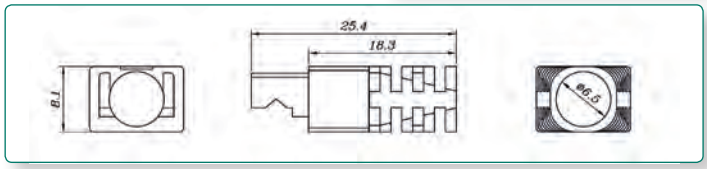


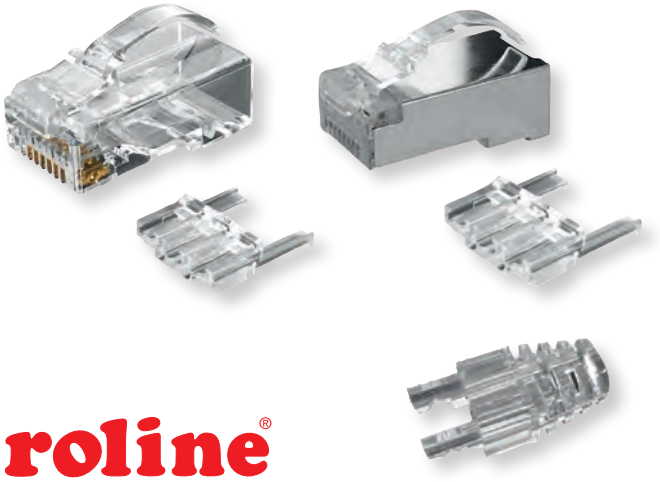

| | | Order-No. – P.U. |
|---|---|---|
| VALUE Cat.5e Modular Plug, UTP, for Stranded Wire, 10 pcs. | A | 21.99.3060 – 50 |
| VALUE Cat.5e Modular Plug, STP, for Stranded Wire, 10 pcs. | B | 21.99.3061 – 50 |
| VALUE Cat.6 Modular Plug, UTP, for Stranded Wire, 10 pcs. | C | 21.99.3062 – 50 |
| VALUE Cat.6 Modular Plug, STP, for Stranded Wire, 10 pcs. | D | 21.99.3063 – 50 |
| VALUE Cat.6/6A Modular Plug, UTP, for Stranded Wire, 100 pcs. | | 21.99.3064 – 5 |
| VALUE Cat.6/6A Modular Plug, STP, for Stranded Wire, 100 pcs. | | 21.99.3065 – 5 |

## ROLINE Cat.6 / Cl. E Modular Plug, UTP/STP, Arch latch

- Cat.6 modular plugs, 8P8C
- Unshielded / Shielded
- Gold plated contacts
- For solid wire (max. OD Ø 6.5mm)
- For round cables
- With insert
- Package unit 10 connectors





| | Order-No. – P.U. |
|---|---|
| ROLINE Cat.6 / Cl. E Modular Plug, UTP, Arch latch, 10 pcs. | 21.17.3090 – 10 |
| ROLINE Cat.6 / Cl. E Modular Plug, STP, Arch latch, 10 pcs. | 21.17.3091 – 10 |

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## VALUE Field Plug Cat.6 / Cl. E, UTP/STP

Tool-free

- Fast and easy tool-free installable unshielded/shielded RJ45 connector
- Cat.6/Class E performance according to ISO/IEC11801 and IEC60603-7
- Compact cable manager for round Solid cable AWG 23-26(1/0.41-1/0.575mm) and stranded cable AWG 24-26(7/0.16-7/0.20mm)
- For cable with outer diameter OD: 6.0- 9.0mm
- Pair management according to TIA 568B and TIA 568A colour codes
- Strain relief with cable tie and black transparent dust cup and boot
- Color: Transparent black

Value®



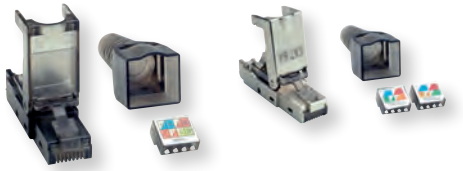
| | Order-No. – P.U. |
|---|---|
| VALUE Field Plug Cat.6 / Cl. E, UTP | 26.99.0370 – 50 |
| VALUE Field Plug Cat.6 / Cl. E, STP | 26.99.0371 – 50 |

## VALUE Field Plug Cat.6A / Cl. EA, UTP/STP

Tool-free

- Fast and easy tool-free installable unshielded/shielded RJ45 connector
- Cat.6A / Class EA performance according to ISO/IEC11801 and IEC60603-7
- Compact cable manager for round Solid cable AWG 23-26(1/0.41-1/0.575mm) and stranded cable AWG 24-26(7/0.16-7/0.20mm)
- For cable with outer diameter OD: 6.0- 9.0mm
- Pair management according to TIA 568B and TIA 568A colour codes
- Strain relief with cable tie and black transparent dust cup and boot
- Color: Transparent black

Value®



| | Order-No. – P.U. |
|---|---|
| VALUE Field Plug Cat.6A / Cl. EA, UTP | 26.99.0372 – 50 |
| VALUE Field Plug Cat.6A / Cl. EA, STP | 26.99.0373 – 50 |

## VALUE Connection Module Cat.6A / Cl. EA, STP

Tool-free

- The VALUE Junction module is used to repair or extend shielded Cat. 6A cables
- With this module all 4 or 8 wired installation cables with AWG24 and with an outside diameter from 6.2mm can be installed
- Equipped with the modern LSA connection technology, all cables in accordance with EIA/TIA 568A or 568B can be easily installed
- With the use of the STP type junction box, it's safe against electrical and magnetical interferences



Value®

| | Order-No. – P.U. |
|---|---|
| VALUE Connection Module Cat.6A / Cl. EA, STP | 26.99.0380 – 50 |

## ROLINE Field Plug Cat.6A / Cl. EA, STP

- Fast and easy tool-free installable unshielded RJ45 connector
- Cat.6A / Class EA performance according to ISO/IEC11801 and IEC60603-7
- Compact cable manager for round Solid cable AWG 23-26(1/0.41-1/0.575mm) and stranded cable AWG 24-26(7/0.16-7/0.20mm)
- For cable with outer diameter OD: 6.0 - 9.0mm
- Pair management according to TIA 568B and TIA 568A colour codes
- Robust zinc die-cast housing
- Strain relief with cable tie and black transparent dust cup and boot
- Color: silver

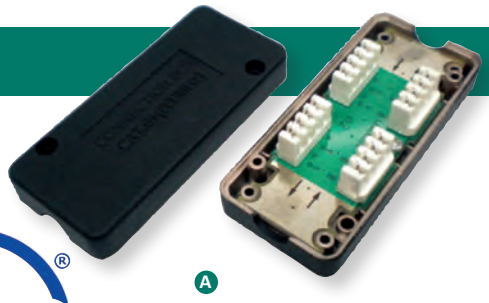
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| | Order-No. – P.U. |
|---|---|
| ROLINE Field Plug Cat.6A / Cl. EA, STP | 21.17.0323 – 50 |

## VALUE Junction Box Cat.6A / Cl. EA

- The VALUE Junction box is used to repair or extend Cat.6A cables
- With this box all 4 or 8 wired installation cables with AWG24 and with an outside diameter from 4mm can be installed
- Equipped with the modern LSA connection technology, all cables in accordance with EIA/TIA 568A or 568B can be easily installed

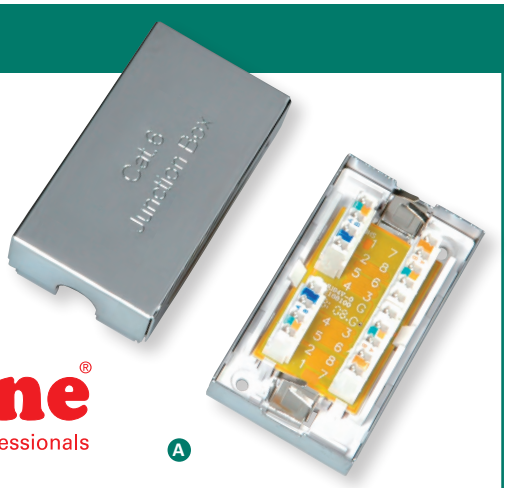



| | | Order-No. – P.U. |
|---|---|---|
| VALUE Junction Box Cat.6A / Cl. EA, UTP | A | 21.99.3048 – 25 |
| VALUE Junction Box Cat.6A / Cl. EA, STP | | 21.99.3049 – 25 |

## ROLINE Junction Boxes

**The ROLINE junction box is used to repair or extend Cat.5e and Cat.6 cables.**

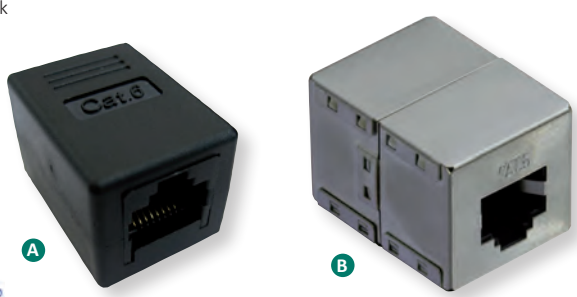
- Four different types are available, two UTP types for the unshielded cable and two STP types for the shielded cable
- With this box all 4 or 8 wired installation cables with AWG24 and with a cover from 4 mm (UTP type) up to 6.2 mm (STP type) can be installed
- Equipped with the LSA connection technology, all cables in accordance with EIA/TIA 568 can be easily installed
- With the use of the STP type junction box, it's safe against electrical and magnetical interferences




| | | Order-No. – P.U. |
|---|---|---|
| ROLINE Junction Box Cat.5e, STP | | 21.17.3035 – 100 |
| ROLINE Junction Box Cat.5e, UTP | | 21.17.3036 – 200 |
| ROLINE Junction Box Cat.6 / Cl. E, STP | A | 21.17.3065 – 20 |
| ROLINE Junction Box Cat.6 / Cl. E, UTP | | 21.17.3066 – 20 |

## VALUE RJ-45 Modular Couplers, Cat.6 / Cl. E

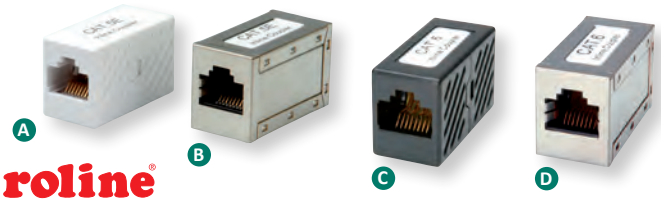
- The couplers are available in 2 versions:
  - shielded with metal housing, colour: silver
  - unshielded with plastic housing, colour: black
- The couplers are able to extend Cat.6 cables
- All couplers with eight contacts, 1:1 connected




| | | Order-No. – P.U. |
|---|---|---|
| VALUE RJ-45 Modular Coupler, Cat.6 / Cl. E, UTP, black | A | 21.99.3001 – 20 |
| VALUE RJ-45 Modular Coupler, Cat.6 / Cl. E, STP, silver | B | 21.99.3002 – 20 |

## ROLINE Cat.5e / Cl. D Modular Couplers

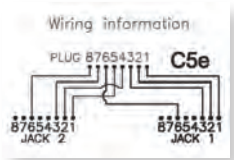
- The ROLINE couplers are available in two versions:
  - shielded with metal housing to safe the signals against electrical and magnetical interferences, colour: silver
  - unshielded with plastic housing, colour: white resp. black
- The couplers are able to extend Cat.5e resp. Cat.6 cables
- All couplers with eight contacts, 1:1 connected




| | | Order-No. – P.U. |
|---|---|---|
| ROLINE Cat.5e / Cl. D Modular Coupler, UTP, white | A | 21.17.3001 – 20 |
| ROLINE Cat.5e / Cl. D Modular Coupler, STP, silver | B | 21.17.3002 – 20 |
| ROLINE RJ-45 Modular Coupler, Cat.6, UTP, black | C | 21.17.3043 – 200 |
| ROLINE RJ-45 Modular Coupler, Cat.6, STP, silver | D | 21.17.3041 – 200 |

## VALUE T-Adapters Cat.5e

- For the use with two 10/100 LAN connections over one (full wired) 8-wire cable
- Connection cable (17 cm) with RJ-45 plug; adapter with two RJ-45 jacks
- Pin assignment of connectors: pairs 1, 2 and 3, 6
- Wiring scheme on the adapter
- For Cat. 5e installations
- **Note: The adapters can be used only pairwise**







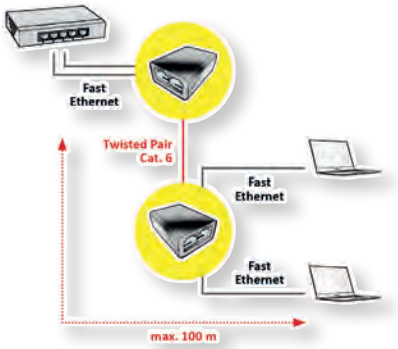
| | | Order-No. – P.U. |
|---|---|---|
| VALUE T-Adapter Cat.5e / Cl. D, UTP, white | A | 21.99.3045 – 50 |
| VALUE T-Adapter Cat.5e / Cl. D, STP, silver | B | 21.99.3050 – 50 |

## ROLINE T-Adapter Cat. 5e/6/6A, UTP / STP (as pair)

**10/100 T-adapter for using two LAN connections via one (fully occupied) 8-core cable**

- Adapter with two RJ-45 jacks
- Pin assignment of connectors: pairs 1, 2 and 3, 6
- Wiring scheme on the adapter
- For Cat. 5e/6/6A installations

- Note: The adapters can be used only pairwise; Works only with Fast Ethernet (100 MBit). Not suitable for Gigabit or PoE applications.

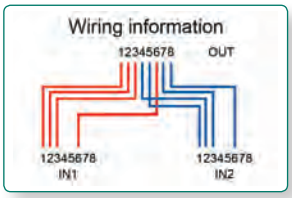



**21.17.3088**



**21.17.3087**






| | Order-No. – P.U. |
|---|---|
| ROLINE T-Adapter Cat. 5e/6/6A, UTP, black | 21.17.3087 – 10 |
| ROLINE T-Adapter Cat. 5e/6/6A, STP, black | 21.17.3088 – 10 |

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## VALUE RJ45 Modular Coupler, Cat.6 / Class E, STP, Outdoor/Industrial

**CAT. 6 coupler for easily connecting or extending patch cables in industrial environments to protect the connection from dust or moisture**

- The coupler is able to extend Cat.6 cables
- Dustproof cable gland for industrial applications
- Offers protection for the connection against moisture and soiling
- Quick and easy installation
- 2x shielded RJ45 ports
- Suitable for cable diameters up to 3- 8 mm
- For waterproofing we recommend patchcords with a 6mm- 8mm O.D.
- Dimensions: length 136 mm
- Diameter: 30mm
- 8 contacts, 1:1 connected







| | Order-No. – P.U. |
|---|---|
| VALUE RJ45 Modular Coupler, Cat.6 / Cl. E, STP, Outdoor/Industrial | 21.99.3005 – 10 |

## VALUE RJ45 Modular Coupler, Cat.6A / Cl. EA, STP, Outdoor/Industrial

**CAT. 6a coupler for easily connecting or extending patch cables in industrial environments to protect the connection from dust or moisture**

- The coupler is able to extend Cat.6a cables
- Dustproof cable gland for industrial applications
- Offers protection for the connection against moisture and soiling
- Quick and easy installation
- 2x shielded RJ45 ports
- Suitable for cable diameters up to 3- 8 mm
- For waterproofing we recommend patchcords with a 6mm- 8mm O.D.
- Dimensions: length 121.5 mm
- Diameter: 28mm
- 8 contacts, 1:1 connected







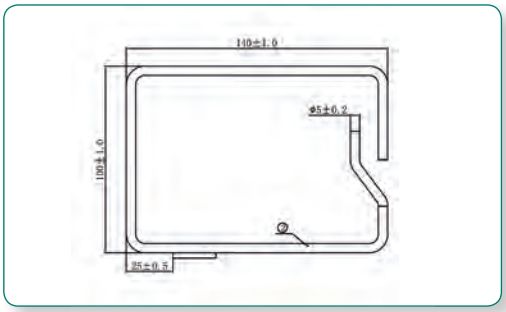
| | Order-No. – P.U. |
|---|---|
| VALUE RJ45 Modular Coupler, Cat.6A / Cl. EA, STP, Outdoor/Industrial, black | 21.99.3007 – 20 |

## 19“ Cable Manager, 140x100mm, Metal

**ROLINE 19“ cable manager with curved opening for easy cable routing - the 140x100mm cable manager offers plenty of space for your cable harnesses and ensures tidy network technology in your server cabinet**

- For mounting on 19“ panel/slide mounts
- Helps with the clean cabling of your network technology
- Cable routing laterally in front of the 19“ bracket
- Cable manager with 5mm metal thickness, galvanized; angle welded
- Contents: Cable Manager

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NEW

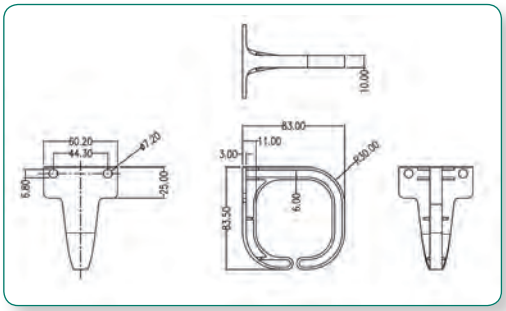
| | Order-No. – P.U. |
|---|---|
| 19“ Cable Manager, 140x100mm, metal, silver | 26.30.0009 – 5 |

## 19“ Cable Manager, 80x80mm, Plastic

**19“ cable manager made of soft plastic for easy and flexible cable routing - the 80x80mm cable manager offers plenty of space for your cable harnesses and ensures tidy network technology in your server cabinet**

- For mounting on 19“ UHs
- Helps with the clean cabling of your network technology
- Cable routing laterally in front of the 19“ bracket
- Plastic cable manager in 80x80mm
- Contents: Cable Manager

Value®






NEW

| | Order-No. – P.U. |
|---|---|
| 19“ Cable Manager, 80x80mm, plastic, black | 26.99.0318 – 50 |

## 19“ Front Panel 1U with Patch channel 40 x 40 mm / 40 x 60 mm / 40 x 80 mm

DATA CENTER Product

**19“ front panel with one Unit Height (UH) and 40x40 / 60 /80mm cable duct, painted in RAL 7035 (light grey) or RAL 9005 black**

**Note: For the mounting of the 19“ blind plates you need additional mounting material (26.99.0000 - M6x16mm or 26.99.0001 - M5x16mm), please order it separately.**

- Channel for cable routing of patch cords
- Enables cable routing in the inner cabinet area through oval openings in the cable routing plate
- Color: powder-coated RAL 9035 lightgrey / RAL 9005 black




| | Order-No. – P.U. |
|---|---|
| 19“ Front Panel 1U with Patch channel 40 x 40 mm, RAL 7035 lightgrey | 26.99.0301 – 20 |
| 19“ Front Panel 1U with Patch channel 40 x 60 mm, RAL 7035 lightgrey | 26.99.0302 – 20 |
| 19“ Front Panel 1U with Patch channel 40 x 80 mm, RAL 7035 lightgrey | 26.99.0303 – 20 |
| 19“ Front Panel 1U with Patch channel 40 x 40 mm, RAL 9005 black | 26.99.0304 – 20 |
| 19“ Front Panel 1U with Patch channel 40 x 60 mm, RAL 9005 black | 26.99.0305 – 20 |
| 19“ Front Panel 1U with Patch channel 40 x 80 mm, RAL 9005 black | 26.99.0306 – 20 |

Value®

## VALUE 19“ Front Panel 1U with Double-Sided Patch channel

NEW

- Creates an organized horizontal pathway for using coax, copper and fiber optic cables
- Mounts easily onto any distribution rack
- Eliminate cable clutter with this versatile cable-management system
- For quick and easy adds and changes in your 19“ cabinet
- Cable guide ensures a proper bending radii of patch cables
- After routing the cables or cords, simply snap-on the cover for a clean, professional appearance
- Snap-on covers on both sides- are easy to use and open 180° up or down with adjacent installation
- Material: metal and plastic







| | Order-No. – P.U. |
|---|---|
| VALUE 19“ Front Panel 1U with Double-Sided Patch channel, RAL 9005 black | 26.99.0321 – 5 |

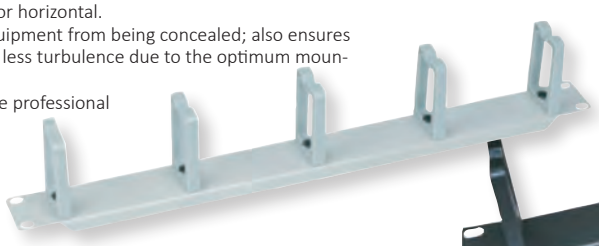
## 19“ 1U Cable Management Plate, C-Type, 5 Hooks

DATA CENTER capable

**19“ cable guide 1U, 5 loops, for horizontal or vertical cable routing**

- Cable routing for server or data cabinet environments
- Suitable for mounting on all 19“ data racks and server racks so cables can be neatly laid- important for greater reliability of connections throughout the cabinet
- The cable eyelets provide an ideal bending radius for the network cables and help ensure a neat 19-inch cabinet, vertical or horizontal.
- Prevents cable stretching and other equipment from being concealed; also ensures optimum airflow as the cables produce less turbulence due to the optimum mounting
- Makes the installation cleaner and more professional
- 1U quality metal plate
- 5 large „C-type“ cable rings for cable routing
- Contents: 19“-Panel Plate

**Note: For the mounting of the 19“ blind plates you need additional mounting material (26.99.0000 - M6x16mm or 26.99.0001 - M5x16mm), please order it separately.**



**26.99.0311**



**26.99.0312**

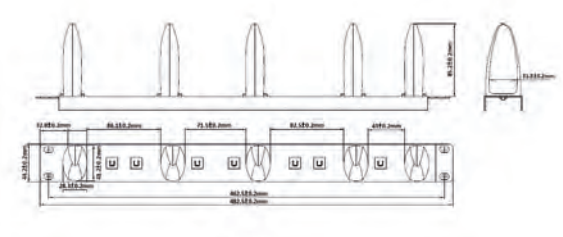
| | Order-No. – P.U. |
|---|---|
| 19“ 1U Cable Management Plate, C-Type, 5 Hooks, RAL 7035 lightgrey | 26.99.0311 – 20 |
| 19“ 1U Cable Management Plate, C-Type, 5 Hooks, RAL 9005 black | 26.99.0312 – 20 |

## 19“ Cable Management plate with Horizontal/Vertical Cable Rings for Cabinets

DATA CENTER capable

- Essential piece of equipment for server or data cabinets environments
- Suitable for mounting on all 19“ data cabinets and server racks, allowing cables to be neatly routed for a higher reliability of connections throughout the cabinet or rack
- The cable rings create an ideal bend radius for the networking cables and greatly assists keeping the rack neat, they can be used vertically or horizontally
- Designed to give extra support for patch leads and prevents obscurring other equipment and to prevent cable strain
- Makes installation neater and more professional
- Cables slide in and out comfortable with out falling out by themselves
- 1UH quality metal bar
- 5 cable rings (hooks) for great cable management
- Contents: 19“-Panel, 5 cable rings (hooks)





| | Order-No. – P.U. |
|---|---|
| 19“ Cable Management plate with Horizontal/Vertical cable rings for Cabinets, grey | 26.99.0345 – 20 |
| 19“ Cable Management plate with Horizontal/Vertical Cable Rings for Cabinets, black | 26.99.0346 – 20 |

## VALUE 19“ 1U Cable Management Plate, G-Type, 5 Hooks

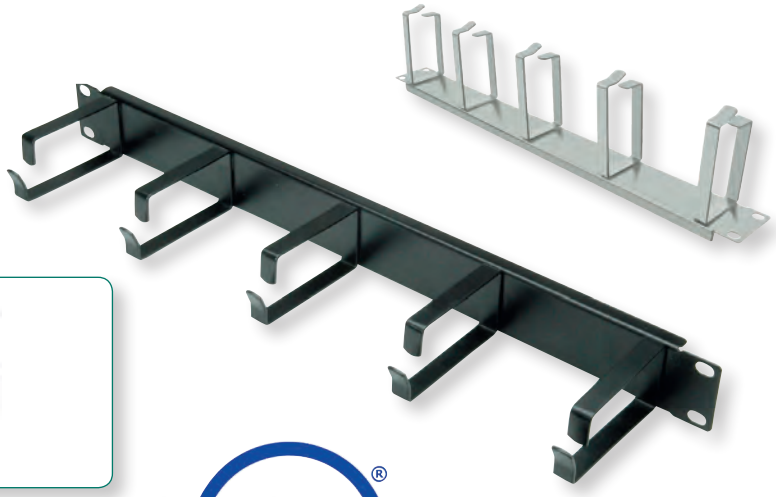
DATA CENTER Product

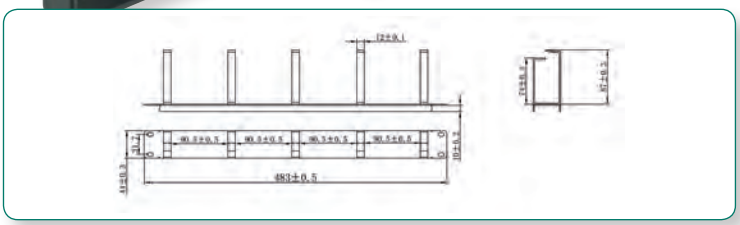
**19“ cable guide 1U, 5 loops, grey, for horizontal or vertical cable routing**

- Cable routing for server or data cabinet environments
- Suitable for mounting on all 19“ data racks and server racks so cables can be neatly laid- important for greater reliability of connections throughout the cabinet
- The cable eyelets provide an ideal bending radius for the network cables and help ensure a neat 19-inch cabinet, vertical or horizontal.
- Prevents cable stretching and other equipment from being concealed; also ensures optimum airflow as the cables produce less turbulence due to the optimum mounting
- Makes the installation cleaner and more professional
- 1U quality metal plate
- 5 large „G-type“ cable rings for cable routing
- Contents: 19“-Panel

**Note:**
**For the mounting of the 19“ blind plates you need additional mounting material 26.99.0000 - M6x16mm or 26.99.0001 - M5x16mm), please order it separately.**







| | Order-No. – P.U. |
|---|---|
| VALUE 19“ 1U Cable Management Plate, G-Type, 5 Hooks, RAL 7035 lightgrey | 26.99.0308 – 20 |
| VALUE 19“ 1U Cable Management Plate, C-Type, 5 Hooks, RAL 9005 black | 26.99.0310 – 20 |

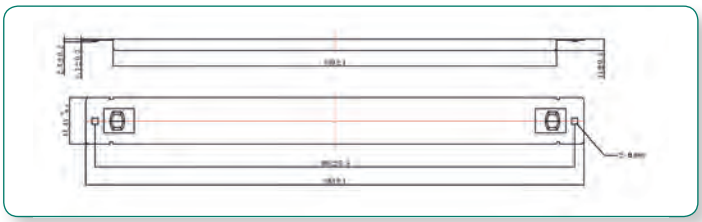
## ROLINE 19“ Blank Panel, Snap-in, 1U/2U, Metal

NEW

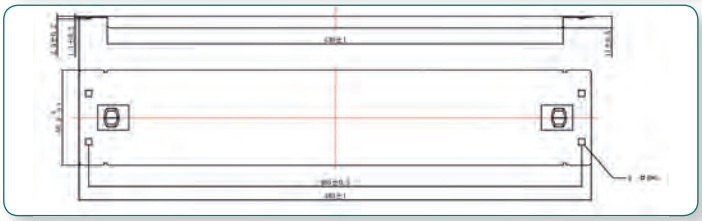
DATA CENTER Product

**ROLINE 19“ blind panel painted in RAL 7035 (light grey) to cover unneeded HE - with snap-in mechanism for quick and easy mounting without cage nuts or other accessories.**

- Suitable for all 19“ network or server cabinets
- For use in 19“ server cabinets to conceal unneeded installation spaces
- Easy to mount or dismount via snap-in mechanism
- Does not require any tools or cage nut mounting screws
- Snap-in functionality
- Material: Steel
- 19“ blind with one/two height unit (1 or 2UH)
- RAL 9005 Paint finish, noir
- Contents: Blind plate



A



B



A



B

| | Order-No. – P.U. |
|---|---|
| ROLINE 19“ Blank Panel, Snap-in, 1U, Metal, RAL 9005 black | 26.30.0000 – 10 |
| ROLINE 19“ Blank Panel, Snap-in, 2U, Metal, RAL 9005 black | 26.30.0001 – 10 |

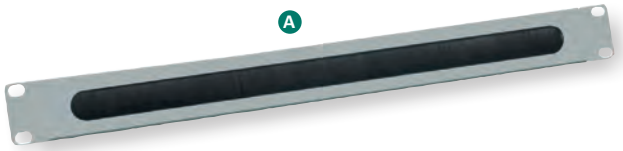
## 19“ Cable Entry 1U with Brush Seal

DATA CENTER Product

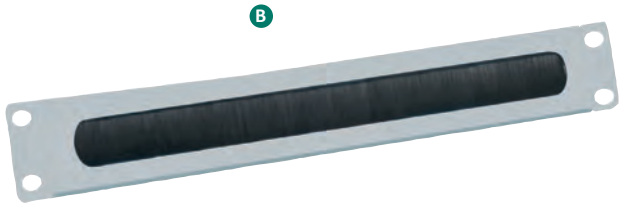
**19“ cable guide with bristles, grey metal, for horizontal or vertical cable routing**

- Cable routing for server or data cabinet environments
- Suitable for mounting on all 19“ data racks and server racks so cables can be neatly laid- important for greater reliability of connections throughout the cabinet
- Bristled cable routing provides perfect storage for your network cables and helps ensure a neat 19-inch cabinet, vertically or horizontally
- Makes the installation cleaner and more professional
- Quality metal plate
- 19“ cable entry with brush
- Material: steel/plastic
- Dimensions (H x W x D): 44 x 483 x 27 mm / 88 x 483 x 27 mm

A



B



C



D



**Note:**
**For the mounting of the 19“ blind plates you need additional mounting material 26.99.0000 - M6x16mm or 26.99.0001 - M5x16mm), please order it separately.**

| | | Order-No. | – P.U. |
|---|---|---|---|
| 19“ Cable Entry 1U with Brush Seal, RAL 7035 lightgrey | A | 26.99.0313 | – 20 |
| 19“ Cable Entry 2U with Brush Seal, RAL 7035 lightgrey | B | 26.99.0314 | – 20 |
| 19“ Cable Entry 1U with Brush Seal, RAL 9005 black | C | 26.99.0315 | – 20 |
| 19“ Cable Entry 2U with Brush Seal, RAL 9005 black | D | 26.99.0316 | – 20 |

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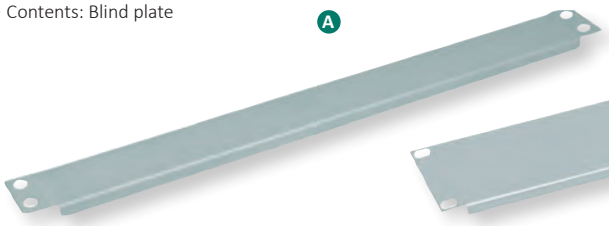
## 19“ Blank Panel, 1U / 2U / 3U, Metal

DATA CENTER Product

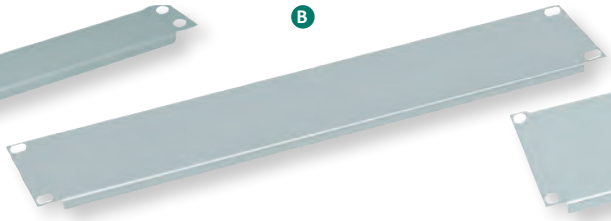
**19“ blind plate coated in RAL 7035 (light grey) / RAL 9005 (black) to cover not required HU**

- For use in 19“ server cabinets to conceal unneeded installation spaces
- 19“ blind with one / two / three height unit (1 / 2 / 3 UH)
- Paint finish, light grey or black
- Contents: Blind plate

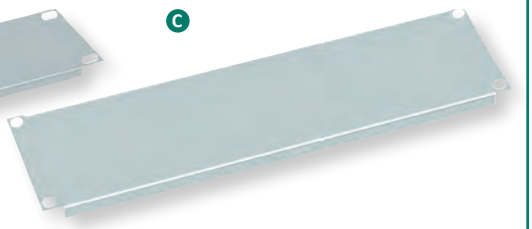
A



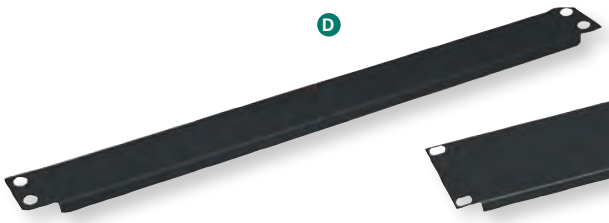
B



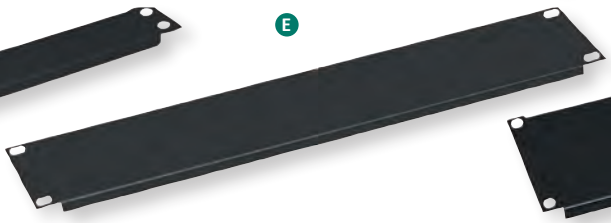
C



D



E



F



| | | Order-No. | – P.U. |
|---|---|---|---|
| 19“ Blank Panel, 1U, Metal, RAL 7035 lightgrey | A | 26.99.0295 | – 10 |
| 19“ Blank Panel, 2U, Metal, RAL 7035 lightgrey | B | 26.99.0296 | – 10 |
| 19“ Blank Panel, 3U, Metal, RAL 7035 lightgrey | C | 26.99.0297 | – 10 |
| 19“ Blank Panel, 1U, Metal, RAL 9005 black | D | 26.99.0298 | – 10 |
| 19“ Blank Panel, 2U, Metal, RAL 9005 black | E | 26.99.0299 | – 10 |
| 19“ Blank Panel, 3U, Metal, RAL 9005 black | F | 26.99.0300 | – 10 |

**Note:**
**For the mounting of the 19“ blind plates you need additional mounting material 26.99.0000 - M6x16mm or 26.99.0001 - M5x16mm), please order it separately.**

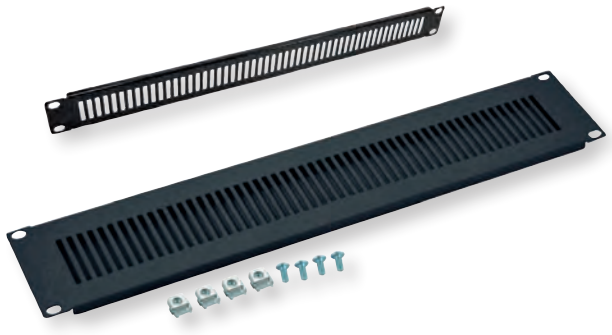
Value®

## 19” Rack Front Ventilation Panel, 1UH / 2UH, Metal

NEW

**19“ blind plate coated in RAL 9005 (black) to cover not required HU**

- Front ventilation panel designed for use with 19“ rack units / cabinets
- The panel provides more efficient ventilation to the entire rack system
- Covers unused rack space with vertical ventialtion slots
- Height: 1U / 2U
- Length: 483mm (19”)
- Material: Steel
- Color: black (RAL 9005)
- Contents:Front Ventilation Panel



| | Order-No. – P.U. |
|---|---|
| 19” Rack Front Ventilation Panel, 1U, Metal, RAL 9005 black | 26.99.0319 – 10 |
| 19” Rack Front Ventilation Panel, 2U, Metal, RAL 9005 black | 26.99.0320 – 10 |

## VALUE Mounting Material for 19“ Components, M6/M5, 100 pieces / Bag

DATA CENTER Product

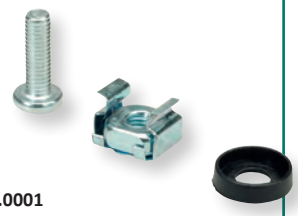
**19“ mounting material, 100 pieces per set (screw, washer, nut)**

- Use a grounding cage nut and a nomel washer at at least one fixing point for standard-compliant grounding
- For attaching front panels, distribution panels or other built-in components to frames, angle profiles or depth struts with rectangular perforations

- Contents:
  100x pan-head screw, M6 x 16, galvanized
  100x plastic disc, black
  100x cage nut M6, galvanized



26.99.0000



26.99.0001

| | Order-No. – P.U. |
|---|---|
| Mounting Material for 19“ Components, **M6**x16mm, 100 pieces | 26.99.0000 – 24 |
| Mounting Material for 19“ Components, **M5**x16mm, 100 pieces | 26.99.0001 – 24 |

## ROLINE Mounting Material for 19“ Components, M6 / M5, 100 pieces, Black

NEW

DATA CENTER Product

**19“ mounting material, 100 pieces per set (screw, washer, nut)**

- Use a grounding cage nut and a nomel washer at at least one fixing point for standard-compliant grounding
- For attaching front panels, distribution panels or other built-in components to frames, angle profiles or depth struts with rectangular perforations

- Contents:
  100x pan-head screw, M6 / M5 x 16, galvanized, black
  100x plastic disc, black
  100x cage nut M6 / M5, galvanized, black



| | Order-No. – P.U. |
|---|---|
| ROLINE Mounting Material for 19“ Components, M6, 100 pieces | 26.50.5005 – 24 |
| ROLINE Mounting material for 19“ components, M5, 100 pieces | 26.50.5006 – 24 |

## Cage Nut Insertion Tool, M5 / M6

- Indispensable tool for technicians/engineers wanting to insert or extract cage nuts
- Avoids cut fingers with sharp tools and screwdrivers
- Suitable for hole variants of the M5 /M6 cage nuts
- Easy insertion of the cage nut by placing it into the jaws of the tool, which then squeezes the sides of the cage nut to allow the legs to be easily inserted into the hole
- Easy and reliable assembly
- Reduces a possible damage to panel
- Reduces risk of injury



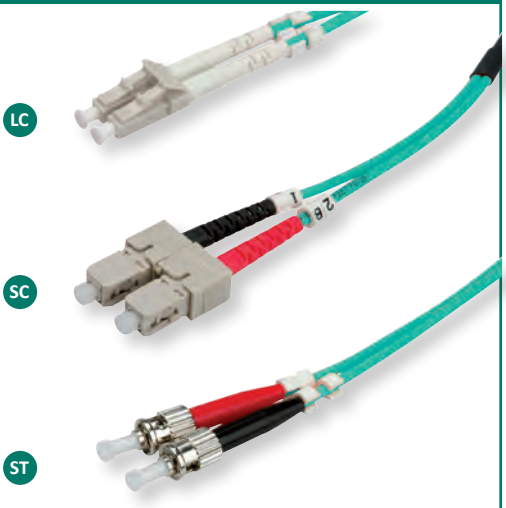





| | Order-No. – P.U. |
|---|---|
| Cage Nut Insertion Tool, M5 / M6 | 26.99.0317 – 50 |

## VALUE Fibre Optic Jumper Cables, 50/125µm, OM3

- VALUE Fibre Optic Jumper Cables with OM3 quality for high performance wiring
- Duplex Cable with fibre type Muliti-mode 50/125µm, OM3
- Availiable length: 0,5m, 1m, 2m, 3m, 5m, 10m, 15m and 20m
- Color: turquoise




| Length | Type LC/LC | – P.U. | Type LC/ST | – P.U. | Type LC/SC | – P.U. |
|---|---|---|---|---|---|---|
| 0.5 m | 21.99.8700 | – 10 | 21.99.8720 | – 10 | 21.99.8710 | – 10 |
| 1 m | 21.99.8701 | – 10 | 21.99.8721 | – 10 | 21.99.8711 | – 10 |
| 2 m | 21.99.8702 | – 10 | 21.99.8722 | – 10 | 21.99.8712 | – 10 |
| 3 m | 21.99.8703 | – 5 | 21.99.8723 | – 5 | 21.99.8713 | – 5 |
| 5 m | 21.99.8705 | – 5 | 21.99.8725 | – 5 | 21.99.8715 | – 5 |
| 10 m | 21.99.8708 | – 10 | 21.99.8728 | – 10 | 21.99.8718 | – 10 |
| 15 m | 21.99.8706 | – 5 | | | | |
| 20 m | 21.99.8707 | – 5 | | | | |

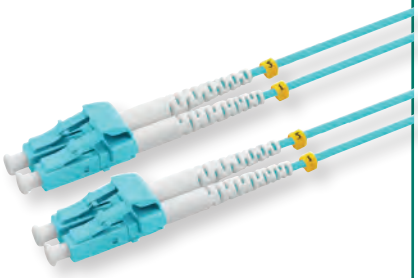
## VALUE FO Jumper Cable 50/125µm OM3, LC/LC, Low-Loss-Connector

**VALUE Fiber-Patchcable in OM3 quality for a high performance fiber optical cabling**

- Security for the future! The OM3 fiber and connector quality with very low insertion loss ensure an excellent quality at very high bandwidths.
- The cable assembled with „low-loss“ connectors achieve very good values for insertion loss and reflection. In comparison:

- Typical attenuation of a standard LC connector: 0.5 dB
- Typical attenuation of a low-loss LC connector: 0.15 dB

- Duplex cables with fiber type Multi-mode 50/125µm, OM3
- Color: turquoise

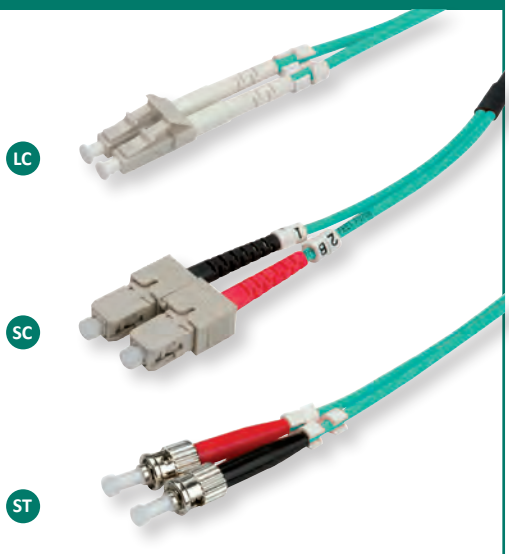


| | Order-No. | – P.U. |
|---|---|---|
| VALUE FO Jumper Cable 50/125µm OM3, LC/LC, Low-Loss-Connector, turquoise, 0.5 m | 21.99.8820 | – 5 |
| VALUE FO Jumper Cable 50/125µm OM3, LC/LC, Low-Loss-Connector, turquoise, 1 m | 21.99.8821 | – 5 |
| VALUE FO Jumper Cable 50/125µm OM3, LC/LC, Low-Loss-Connector, turquoise, 2 m | 21.99.8822 | – 5 |
| VALUE FO Jumper Cable 50/125µm OM3, LC/LC, Low-Loss-Connector, turquoise, 3 m | 21.99.8823 | – 5 |
| VALUE FO Jumper Cable 50/125µm OM3, LC/LC, Low-Loss-Connector, turquoise, 5 m | 21.99.8824 | – 5 |
| VALUE FO Jumper Cable 50/125µm OM3, LC/LC, Low-Loss-Connector, turquoise, 10 m | 21.99.8825 | – 5 |
| VALUE FO Jumper Cable 50/125µm OM3, LC/LC, Low-Loss-Connector, turquoise, 15 m | 21.99.8826 | – 5 |
| VALUE FO Jumper Cable 50/125µm OM3, LC/LC, Low-Loss-Connector, turquoise, 20 m | 21.99.8827 | – 5 |

## ROLINE Fibre Optic Jumper Cables, 50/125µm, OM3

- ROLINE Fibre Optic Jumper Cables with OM3 quality for high performance wiring
- The quality of the connectors and fibres and an optimal assembly procedure lead to extremely good characteristics in respect of insertion loss and reflection
- Compact conductor (fibre movable in secondary coating)
- Duplex Cable with fibre type Muliti-mode 50/125µm, OM3
- Cable construction: Kevlar tension reduction, PVC outer coating, Ø 2.8 x 6 mm
- Color: turquoise

Designed for Professionals




| Length | Type LC/LC | – P.U. | Type LC/ST | – P.U. | Type LC/SC | – P.U. |
|---|---|---|---|---|---|---|
| 0.5 m | 21.15.8700 | – 10 | 21.15.8720 | – 10 | 21.15.8710 | – 10 |
| 1 m | 21.15.8701 | – 10 | 21.15.8721 | – 10 | 21.15.8711 | – 10 |
| 2 m | 21.15.8702 | – 10 | 21.15.8722 | – 10 | 21.15.8712 | – 10 |
| 3 m | 21.15.8703 | – 5 | 21.15.8723 | – 5 | 21.15.8713 | – 5 |
| 5 m | 21.15.8705 | – 5 | 21.15.8725 | – 5 | 21.15.8715 | – 5 |
| 10 m | 21.15.8708 | – 10 | 21.15.8728 | – 10 | 21.15.8718 | – 10 |
| 15 m | 21.15.8706 | – 5 | | | | |
| 20 m | 21.15.8707 | – 5 | | | | |

## ROLINE Fibre Optic Jumper Cables, 50/125µm, OM3, LC/LC, Low-Loss-Connector

- Security for the future! The OM3 fiber and connector quality with very low insertion loss ensure an excellent quality at very high bandwidths.
- Material and assembly in ROLINE quality
- The cable assembled with „low-loss“ connectors achieve very good values for insertion loss and reflection. In comparison:
  - Typical attenuation of a standard LC connector: 0.5 dB
  - Typical attenuation of a low-loss LC connector: 0.15 dB
- Duplex cables with fiber type Multi-mode 50/125µm, OM3
- Color: turquoise

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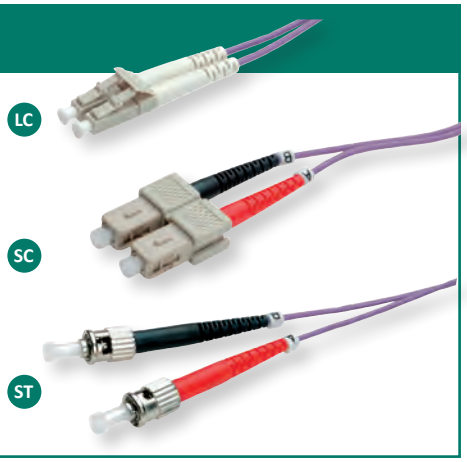



| | Order-No. | – P.U. |
|---|---|---|
| ROLINE FO Jumper Cable 50/125µm OM3, LC/LC, Low-Loss-Connector, turquoise, 0.5 m | 21.15.8820 | – 5 |
| ROLINE FO Jumper Cable 50/125µm OM3, LC/LC, Low-Loss-Connector, turquoise, 1.0 m | 21.15.8821 | – 5 |
| ROLINE FO Jumper Cable 50/125µm OM3, LC/LC, Low-Loss-Connector, turquoise, 2.0 m | 21.15.8822 | – 5 |
| ROLINE FO Jumper Cable 50/125µm OM3, LC/LC, Low-Loss-Connector, turquoise, 3.0 m | 21.15.8823 | – 5 |
| ROLINE FO Jumper Cable 50/125µm OM3, LC/LC, Low-Loss-Connector, turquoise, 5.0 m | 21.15.8825 | – 5 |
| ROLINE FO Jumper Cable 50/125µm OM3, LC/LC, Low-Loss-Connector, turquoise, 10 m | 21.15.8828 | – 5 |
| ROLINE FO Jumper Cable 50/125µm OM3, LC/LC, Low-Loss-Connector, turquoise, 15 m | 21.15.8829 | – 5 |
| ROLINE FO Jumper Cable 50/125µm OM3, LC/LC, Low-Loss-Connector, turquoise, 20 m | 21.15.8830 | – 5 |

## VALUE Fibre Optic Jumper Cables, 50/125 µm, OM4

OM4 fiber for existing 1 and 10 Gbit/s applications as well as future 40 and 100 Gbit/s systems. Allows extended reach upwards of 550 meters at 10 Gbit/s for ultra long building backbones and medium length campus backbones. With an laser bandwidth of 4700 MHz– km (more than double the IEEE requirement for 10 Gbit/s 300 meter support), the OM4 fiber is also especially well suited for shorter distances in data centers and high performance computing applications.

- VALUE OM4 Fibre Optic Jumper cable with fiber type 50/125 µm
- Color: purple

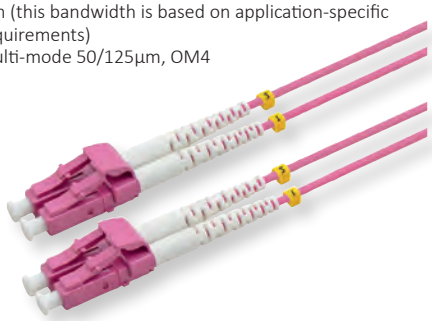



| Length | Type LC/LC | – P.U. | Type LC/ST | – P.U. | Type LC/SC | – P.U. |
|---|---|---|---|---|---|---|
| 0.5 m | 21.99.8750 | – 10 | 21.99.8770 | – 10 | 21.99.8760 | – 10 |
| 1 m | 21.99.8751 | – 10 | 21.99.8771 | – 10 | 21.99.8761 | – 10 |
| 2 m | 21.99.8752 | – 10 | 21.99.8772 | – 10 | 21.99.8762 | – 10 |
| 3 m | 21.99.8753 | – 5 | 21.99.8773 | – 5 | 21.99.8763 | – 5 |
| 5 m | 21.99.8755 | – 5 | 21.99.8775 | – 5 | 21.99.8765 | – 5 |
| 10 m | 21.99.8758 | – 5 | 21.99.8778 | – 5 | 21.99.8768 | – 5 |
| 15 m | 21.99.8756 | – 5 | | | | |
| 20 m | 21.99.8757 | – 5 | | | | |

## VALUE Fibre Optic Jumper Cables, 50/125µm, OM4, LC/LC, Low-Loss-Connector

**VALUE F.O. Patchcable in OM4-Quality for a high performance connection.**

- Security for the future! The OM4 fiber and connector quality with very low insertion ensure an excellent quality at very high bandwidths.
- It supports 10 Gb/s Ethernet, Fibre Channel, and OIF applications to 550 meters, extends the system cost benefits to ultra long building backbones and medium length campus backbones.
- The cable assembled with „low-loss“ connectors achieve very good values for insertion loss and reflection. In comparison:
  - Typical attenuation of a standard LC connector: 0.5 dB
  - Typical attenuation of a low-loss LC connector: 0.15 dB
- Modal Bandwidth: 4700 MHz-km (this bandwidth is based on application-specific implementation of the EMBC requirements)
- Duplex cables with fiber type Multi-mode 50/125µm, OM4

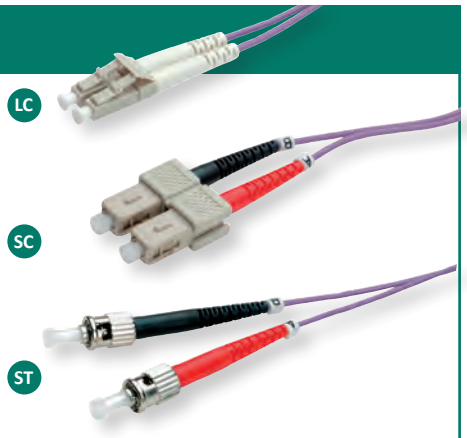


| | Order-No. | – P.U. |
|---|---|---|
| VALUE FO Jumper Cable 50/125µm OM4, LC/LC, Low-Loss-Connector, violet, 0.5 m | 21.99.8830 | – 5 |
| VALUE FO Jumper Cable 50/125µm OM4, LC/LC, Low-Loss-Connector, violet, 1 m | 21.99.8831 | – 5 |
| VALUE FO Jumper Cable 50/125µm OM4, LC/LC, Low-Loss-Connector, violet, 2 m | 21.99.8832 | – 5 |
| VALUE FO Jumper Cable 50/125µm OM4, LC/LC, Low-Loss-Connector, violet, 3 m | 21.99.8833 | – 5 |
| VALUE FO Jumper Cable 50/125µm OM4, LC/LC, Low-Loss-Connector, violet, 5 m | 21.99.8834 | – 5 |
| VALUE FO Jumper Cable 50/125µm OM4, LC/LC, Low-Loss-Connector, violet, 10 m | 21.99.8835 | – 5 |
| VALUE FO Jumper Cable 50/125µm OM4, LC/LC, Low-Loss-Connector, violet, 15 m | 21.99.8836 | – 5 |
| VALUE FO Jumper Cable 50/125µm OM4, LC/LC, Low-Loss-Connector, violet, 20 m | 21.99.8837 | – 5 |

## ROLINE Fibre Optic Jumper Cables, 50/125 µm, OM4

OM4 fiber for existing 1 and 10 Gbit/s applications as well as future 40 and 100 Gbit/s systems. Allows extended reach upwards of 550 meters at 10 Gbit/s for ultra long building backbones and medium length campus backbones. With an laser bandwidth of 4700 MHz– km (more than double the IEEE requirement for 10 Gbit/s 300 meter support), the OM4 fiber is also especially well suited for shorter distances in data centers and high performance computing applications.

- ROLINE OM4 Fibre Optic Jumper cable with fiber type 50/125 µm
- Color: purple




| Length | Type LC/LC | – P.U. | Type LC/ST | – P.U. | Type LC/SC | – P.U. |
|---|---|---|---|---|---|---|
| 0.5 m | 21.15.8750 | – 10 | 21.15.8770 | – 10 | 21.15.8760 | – 10 |
| 1 m | 21.15.8751 | – 10 | 21.15.8771 | – 10 | 21.15.8761 | – 10 |
| 2 m | 21.15.8752 | – 10 | 21.15.8772 | – 10 | 21.15.8762 | – 10 |
| 3 m | 21.15.8753 | – 5 | 21.15.8773 | – 5 | 21.15.8763 | – 5 |
| 5 m | 21.15.8755 | – 5 | 21.15.8775 | – 5 | 21.15.8765 | – 5 |
| 10 m | 21.15.8758 | – 5 | 21.15.8778 | – 5 | 21.15.8768 | – 5 |
| 15 m | 21.15.8756 | – 5 | | | | |
| 20 m | 21.15.8757 | – 5 | | | | |

## ROLINE Fibre Optic Jumper Cables, 50/125µm OM4, Low-Loss-Connector

**Security for the future! The OM4 fiber and connector quality with very low insertion ensure an excellent quality at very high bandwidths.**
- It supports 10 Gb/s Ethernet, Fibre Channel, and OIF applications to 550 meters, extends the system cost benefits to ultra long building backbones and medium length campus backbones.
- The cable assembled with „low– loss" connectors achieve very good values for insertion loss and reflection. In comparison:
  – Typical attenuation of a standard LC connector: 0.5 dB
  – Typical attenuation of a low– loss LC connector: 0.15 dB
- Modal Bandwidth: 4700 MHz– km (this bandwidth is based on application– specific implementation of the EMBC requirements)
- Duplex cables with fiber type Multi– mode 50/125µm, OM4



| | Order-No. | – P.U. |
|---|---|---|
| ROLINE FO Jumper Cable 50/125µm OM4, LC/LC, Low–Loss–Connector, violet, 0.5 m | 21.15.8850 | – 3 |
| ROLINE FO Jumper Cable 50/125µm OM4, LC/LC, Low–Loss–Connector, violet, 1.0 m | 21.15.8851 | – 3 |
| ROLINE FO Jumper Cable 50/125µm OM4, LC/LC, Low–Loss–Connector, violet, 2.0 m | 21.15.8852 | – 3 |
| ROLINE FO Jumper Cable 50/125µm OM4, LC/LC, Low–Loss–Connector, violet, 3.0 m | 21.15.8853 | – 3 |
| ROLINE FO Jumper Cable 50/125µm OM4, LC/LC, Low–Loss–Connector, violet, 5.0 m | 21.15.8855 | – 3 |
| ROLINE FO Jumper Cable 50/125µm OM4, LC/LC, Low–Loss–Connector, violet, 10 m | 21.15.8858 | – 3 |
| ROLINE FO Jumper Cable 50/125µm OM4, LC/LC, Low–Loss–Connector, violet, 15 m | 21.15.8859 | – 5 |
| ROLINE FO Jumper Cable 50/125µm OM4, LC/LC, Low–Loss–Connector, violet, 20 m | 21.15.8860 | – 5 |

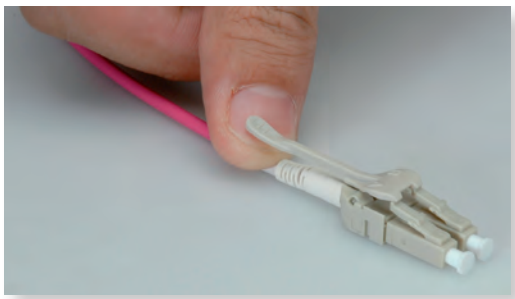
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## ROLINE Fibre Optic Jumper Cables, 50/125µm OM4, Low-Loss-Connector, for Data Center

DATA CENTER capable

**This fibre optice cable with the new connector significantly reduces the amount of space needed in rack, helping to control costs and improve efficiency**
- To double the density of fibers per rack and improve handling in Central Offices and Data Centres
- The new connector significantly reduces the amount of space needed, helping to control costs and improve efficiency.
- For a more efficient handling the connector of the fibre optic cable is equipped with a rigid, extended lever that employs an new way of push/pull mechanism
- For both installation and for ongoing handling, vertical space and finger access at the connection are needed
- The OM4 fiber and connector quality ensures an excellent quality at very high bandwidths.
- Color: purple



| | Order-No. | – P.U. |
|---|---|---|
| ROLINE FO Jumper Cable 50/125µm OM4, LC/LC, Low-Loss-Connector, 0.5 m | 21.15.8870 | – 5 |
| ROLINE FO Jumper Cable 50/125µm OM4, LC/LC, Low-Loss-Connector, 1.0 m | 21.15.8871 | – 5 |
| ROLINE FO Jumper Cable 50/125µm OM4, LC/LC, Low-Loss-Connector, 2.0 m | 21.15.8872 | – 5 |
| ROLINE FO Jumper Cable 50/125µm OM4, LC/LC, Low-Loss-Connector, 3.0 m | 21.15.8873 | – 5 |
| ROLINE FO Jumper Cable 50/125µm OM4, LC/LC, Low-Loss-Connector, 5.0 m | 21.15.8875 | – 5 |
| ROLINE FO Jumper Cable 50/125µm OM4, LC/LC, Low-Loss-Connector, 10 m | 21.15.8880 | – 5 |
| ROLINE FO Jumper Cable 50/125µm OM4, LC/LC, Low-Loss-Connector, 15 m | 21.15.8885 | – 5 |
| ROLINE FO Jumper Cable 50/125µm OM4, LC/LC, Low-Loss-Connector, 20 m | 21.15.8890 | – 5 |

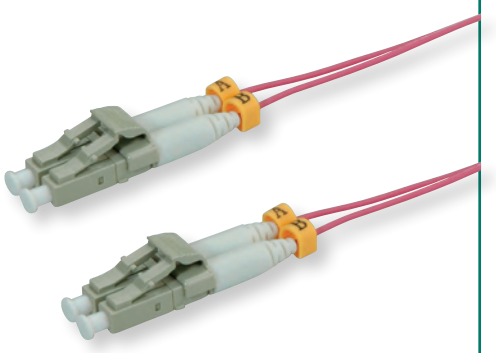
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## ROLINE Fibre Optic SLIM Jumper Cables, 50/125µm OM4, LC/LC, OD 1.2mm

**The solution for space problems in the fiber optic area of your data center!**
**Extra-thin ROLINE fiber optic patch cables in OM4 quality for high-performance fiber optic cabling in high-density environments.**
The LC connector with its small cross-section allows high densities in the distribution area. And thanks to the extra-thin cable with a straight 1.2mm diameter, we now also have the appropriate supplement to this connector.

- Security for the future! The OM4 fiber and connector quality with very low insertion ensure an excellent quality at very high bandwidths of up to 10 Gb/s Ethernet, Fibre Channel, and OIF applications to 550 meters- extends the system cost benefits to ultra long building backbones and medium length campus backbones.
- Material and clothing in ROLINE quality
- Outer diameter: 1.2 x 2.4mm
- UPC polish
- Modal Bandwidth: 4700 MHz-km (this bandwidth is based on application-specific implementation of the EMBC requirements)
- Duplex cables with fiber type Multi-mode 50/125µm, OM4



| | Order-No. | – P.U. |
|---|---|---|
| ROLINE FO SLIM Jumper Cable 50/125µm OM4, LC/LC, OD 1.2mm, violet, 1.0 m | 21.15.9261 | – 10 |
| ROLINE FO SLIM Jumper Cable 50/125µm OM4, LC/LC, OD 1.2mm, violet, 2.0 m | 21.15.9262 | – 10 |
| ROLINE FO SLIM Jumper Cable 50/125µm OM4, LC/LC, OD 1.2mm, violet, 3.0 m | 21.15.9263 | – 10 |
| ROLINE FO SLIM Jumper Cable 50/125µm OM4, LC/LC, OD 1.2mm, violet, 5.0 m | 21.15.9264 | – 5 |
| ROLINE FO SLIM Jumper Cable 50/125µm OM4, LC/LC, OD 1.2mm, violet, 10.0 m | 21.15.9265 | – 5 |

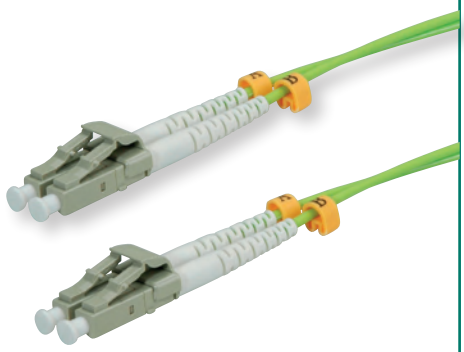
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## ROLINE Fibre Optic Jumper Cable, 50/125 µm, OM5, LC/LC

**ROLINE fiber optic patch cables in OM5 quality for high-performance fiber optic cabling in high-density environments.**

- Security for the future! The OM5 fiber connector quality with very low insertion ensures an excellent quality at very high bandwidths of up to 100 Gbit/s Ethernet, Fibre Channel, and OIF applications with up to 150 meters- extends the system cost benefits to ultra long building backbones and medium length campus backbones.
- Material and clothing in ROLINE quality
- Duplex cables with fiber type Multimode 50/125µm, OM5
- Attenuation 850nm ≤ 2.3 dB/km, 953nm ≤ 1.7 dB/km, 1300nm ≤ 0.6 dB/km
- The cable assembled with „low-loss“ connectors achieve very good values for insertion loss and reflection. Insertion loss of less than 0.3dB
- Outer diameter: 2.0mm
- UPC polish
- Modal Bandwidth: 4700 MHz-km (this bandwidth is based on application-specific implementation of the EMBC requirements)



| | Order-No. | – P.U. |
|---|---|---|
| ROLINE Fibre Optic Jumper Cable, 50/125 µm, LC/LC, OM5, green, 1.0 m | 21.15.9271 | – 10 |
| ROLINE Fibre Optic Jumper Cable, 50/125 µm, LC/LC, OM5, green, 2.0 m | 21.15.9272 | – 10 |
| ROLINE Fibre Optic Jumper Cable, 50/125 µm, LC/LC, OM5, green, 3.0 m | 21.15.9273 | – 10 |
| ROLINE Fibre Optic Jumper Cable, 50/125 µm, LC/LC, OM5, green, 5.0 m | 21.15.9274 | – 5 |
| ROLINE Fibre Optic Jumper Cable, 50/125 µm, LC/LC, OM5, green, 10.0 m | 21.15.9275 | – 5 |

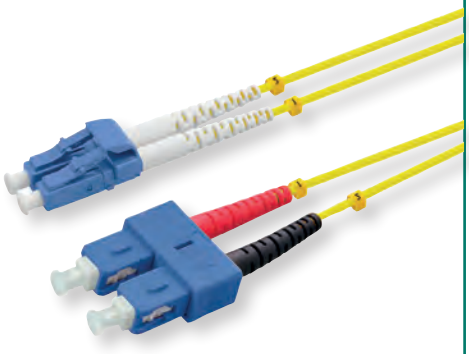
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Halogenfree Flame retardant Low Smoke

## ROLINE Fibre Optic Jumper CableS, 9/125µm, OS2, LC/SC, Duplex, LSOH

**ROLINE LSOH fiber optic patch cable with single mode fibers in OS2 quality.**

- Cable sheathing made of halogen-free, low smoke and flame-retardant material
- Assembled with high-quality connectors with ceramic ferrule
- Core structure: Duplex cable I-VH
- High tensile strength due to Kevlar with aramid fibres



| | Order-No. | – P.U. |
|---|---|---|
| ROLINE Fibre Optic Jumper Cable, 9/125µm, OS2, LC/SC, Duplex, yellow, 0.5 m | 21.15.8790 | – 10 |
| ROLINE Fibre Optic Jumper Cable, 9/125µm, OS2, LC/SC, Duplex, yellow, 1 m | 21.15.8791 | – 10 |
| ROLINE Fibre Optic Jumper Cable, 9/125µm, OS2, LC/SC, Duplex, yellow, 2 m | 21.15.8792 | – 10 |
| ROLINE Fibre Optic Jumper Cable, 9/125µm, OS2, LC/SC, Duplex, yellow, 3 m | 21.15.8793 | – 5 |
| ROLINE Fibre Optic Jumper Cable, 9/125µm, OS2, LC/SC, Duplex, yellow, 5 m | 21.15.8794 | – 5 |

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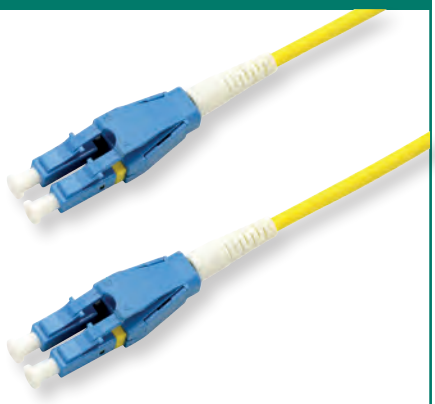
Halogenfree Flame retardant Low Smoke

## ROLINE Fibre Optic Jumper Cables, 9/125µm, OS2, LC/LC, Duplex, LSOH

**ROLINE LSOH fiber optic patch cable with single mode fibers in OS2 quality.**

- Cable sheathing made of halogen-free, low smoke and flame-retardant material
- Assembled with high-quality connectors with ceramic ferrule
- Core structure: Duplex cable I-VH
- High tensile strength due to Kevlar with aramid fibres

**Halogen-free, flame retardant, low smoke.**



| | Order-No. | – P.U. |
|---|---|---|
| ROLINE FO Jumper Cable duplex, 9/125µm, OS2, LC/LC, duplex, yellow, 0.5 m | 21.15.8780 | – 10 |
| ROLINE FO Jumper Cable duplex, 9/125µm, OS2, LC/LC, duplex, yellow, 1.0 m | 21.15.8781 | – 10 |
| ROLINE FO Jumper Cable duplex, 9/125µm, OS2, LC/LC, duplex, yellow, 2.0 m | 21.15.8782 | – 10 |
| ROLINE FO Jumper Cable duplex, 9/125µm, OS2, LC/LC, duplex, yellow, 3.0 m | 21.15.8783 | – 5 |
| ROLINE FO Jumper Cable duplex, 9/125µm, OS2, LC/LC, duplex, yellow, 5.0 m | 21.15.8785 | – 5 |
| ROLINE FO Jumper Cable duplex, 9/125µm, OS2, LC/LC, duplex, yellow, 10.0 m | 21.15.8789 | – 5 |
| ROLINE FO Jumper Cable duplex, 9/125µm, OS2, LC/LC, duplex, yellow, 15.0 m | 21.15.8786 | – 5 |
| ROLINE FO Jumper Cable duplex, 9/125µm, OS2, LC/LC, duplex, yellow, 20.0 m | 21.15.8787 | – 5 |

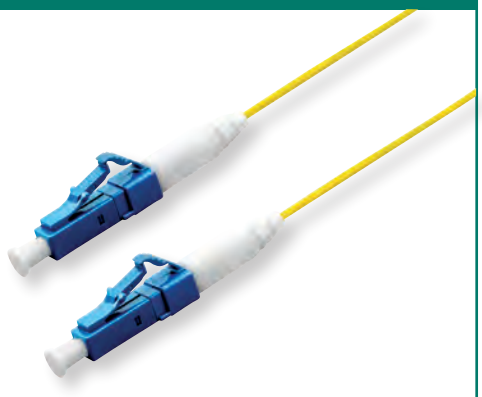
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Halogenfree Flame retardant Low Smoke

## ROLINE Fibre Optic Jumper Cables, 9/125µm, OS2, LC/LC, UPC Polish, Simplex, LSOH

**ROLINE LSOH fiber optic patch cable with single mode fibers in OS2 quality.**
- Connects optical fibre socket to switch/router/internet box
- Suitable for high-speed Internet
- Fiber optic patch cable simplex with single mode fibers in OS2 quality

**Halogen-free, flame retardant, low smoke.**



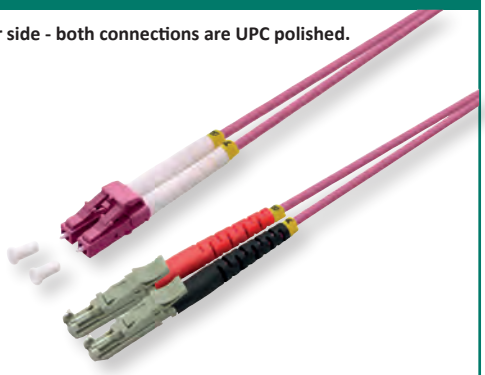
| | Order-No. – P.U. |
|---|---|
| ROLINE FO Jumper Cable 9/125µm, OS2, LC/LC, UPC, simplex, LSOH, yellow, 0.5 m | 21.15.8840 – 10 |
| ROLINE FO Jumper Cable 9/125µm, OS2, LC/LC, UPC, simplex, LSOH, yellow, 1.0 m | 21.15.8841 – 10 |
| ROLINE FO Jumper Cable 9/125µm, OS2, LC/LC, UPC, simplex, LSOH, yellow, 2.0 m | 21.15.8842 – 10 |
| ROLINE FO Jumper Cable 9/125µm, OS2, LC/LC, UPC, simplex, LSOH, yellow, 3.0 m | 21.15.8843 – 5 |
| ROLINE FO Jumper Cable 9/125µm, OS2, LC/LC, UPC, simplex, LSOH, yellow, 5.0 m | 21.15.8845 – 5 |
| ROLINE FO Jumper Cable 9/125µm, OS2, LC/LC, UPC, simplex, LSOH, yellow, 7.0 m | 21.15.8846 – 5 |
| ROLINE FO Jumper Cable 9/125µm, OS2, LC/LC, UPC, simplex, LSOH, yellow, 10.0 m | 21.15.8847 – 5 |

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Halogenfree Flame retardant Low Smoke

## ROLINE Fibre Optic Jumper Cables, 50/125µm OM4, LSH/LC, UPC Polish, LSOH

**High-quality fibre optic cables with the high protective, secured LSH connection on one side and LC plug on the other side - both connections are UPC polished.**
- Duplex cable with 50/125µm OM4 fibre type
- Cable material: sheath halogen-free and flame-retardant, violet
- LC connector: plug with high mechanical load capacity, push-pull latched with anti-rotation device, ceramic ferrule
- LSH connector: precisely manufactured connector with low return loss, ceramic ferrule
- UPC Polish (Ultra Physical Contact)
- IL < 0.25dB, RL > 25dB
- IL (typical) < 0.12dB
- Cable OD (outer diameter): 3.0 x 6.0mm



| | Order-No. – P.U. |
|---|---|
| ROLINE FO Jumper Cable 50/125µm OM4, LSH/LC, UPC Polish, LSOH, violet, 0.5 m | 21.15.9470 – 10 |
| ROLINE FO Jumper Cable 50/125µm OM4, LSH/LC, UPC Polish, LSOH, violet, 1.0 m | 21.15.9471 – 10 |
| ROLINE FO Jumper Cable 50/125µm OM4, LSH/LC, UPC Polish, LSOH, violet, 2.0 m | 21.15.9472 – 10 |
| ROLINE FO Jumper Cable 50/125µm OM4, LSH/LC, UPC Polish, LSOH, violet, 3.0 m | 21.15.9473 – 5 |
| ROLINE FO Jumper Cable 50/125µm OM4, LSH/LC, UPC Polish, LSOH, violet, 5.0 m | 21.15.9475 – 5 |
| ROLINE FO Jumper Cable 50/125µm OM4, LSH/LC, UPC Polish, LSOH, violet, 7.5 m | 21.15.9476 – 5 |
| ROLINE FO Jumper Cable 50/125µm OM4, LSH/LC, UPC Polish, LSOH, violet, 10.0 m | 21.15.9477 – 5 |

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Halogenfree Flame retardant Low Smoke

## ROLINE Fibre Optic Jumper Cables Duplex, 50/125µm OM4, LSH/LSH, UPC Polish, LSOH

**High-quality fibre optic cable with the high protective, secured LSH connection on both sides - both connections are UPC polished.**
- Duplex cable with 50/125µm OM4 fibre type
- Cable material: sheath halogen-free and flame-retardant, violet, solid core with aramid strain relief
- LSH connector: precisely manufactured connector with low return loss, ceramic ferrule, beige
- The LSH connector has a spring-loaded shutter, which fully protects the ferrule from dust and scratches
- UPC Polish (Ultra Physical Contact)
- IL < 0.25dB, RL > 25dB
- IL (typical) < 0.12dB
- Cable OD (outer diameter): 3.0 x 6.0mm



| | Order-No. – P.U. |
|---|---|
| ROLINE FO Jumper Cable Duplex, 50/125µm OM4, LSH/LSH, UPC Polish, LSOH, violet, 0.5 m | 21.15.9490 – 10 |
| ROLINE FO Jumper Cable Duplex, 50/125µm OM4, LSH/LSH, UPC Polish, LSOH, violet, 1.0 m | 21.15.9491 – 10 |
| ROLINE FO Jumper Cable Duplex, 50/125µm OM4, LSH/LSH, UPC Polish, LSOH, violet, 2.0 m | 21.15.9492 – 10 |
| ROLINE FO Jumper Cable Duplex, 50/125µm OM4, LSH/LSH, UPC Polish, LSOH, violet, 3.0 m | 21.15.9493 – 5 |
| ROLINE FO Jumper Cable Duplex, 50/125µm OM4, LSH/LSH, UPC Polish, LSOH, violet, 5.0 m | 21.15.9495 – 5 |
| ROLINE FO Jumper Cable Duplex, 50/125µm OM4, LSH/LSH, UPC Polish, LSOH, violet, 7.5 m | 21.15.9496 – 5 |
| ROLINE FO Jumper Cable Duplex, 50/125µm OM4, LSH/LSH, UPC Polish, LSOH, violet, 10.0 m | 21.15.9497 – 5 |

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Halogenfree Flame retardant Low Smoke

## ROLINE Fibre Optic Jumper Cable Duplex, 9/125µm, OS2, LSH/LC, APC Polish, LSOH

**High-quality fibre optic cable with the high protective, secured LSH connection on one side and LC plug on the other side - both connections are APC polished.**
- Duplex cable with fiber type 9/125µm OS2
- Cable material: sheath halogen-free and flame-retardant, yellow, solid core with aramid strain relief
- LC connector: connector with high mechanical load capacity, push-pull latched with anti-rotation lock, APC ground joint, ceramic ferrule
- LSH connector: precision-manufactured connectors with low return loss (RL), APC ground joint, ceramic ferrule, green
- The LSH connector has a spring-loaded shutter, which fully protects the ferrule from dust and scratches
- APC Polish (8°- APC- Angled Physical Contact- allows tighter connection and smaller end-face radii)
- IL < 0.25dB, RL > 60dB
- IL (typical) < 0.12dB
- Cable OD (outer diameter): 3.0 x 6.0mm



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| | Order-No. | – P.U. |
|---|---|---|
| ROLINE FO Jumper Cable Duplex, 9/125µm, OS2, LSH/LC, APC Polish, LSOH, yellow, 0.5 m | 21.15.9480 | – 10 |
| ROLINE FO Jumper Cable Duplex, 9/125µm, OS2, LSH/LC, APC Polish, LSOH, yellow, 1.0 m | 21.15.9481 | – 10 |
| ROLINE FO Jumper Cable Duplex, 9/125µm, OS2, LSH/LC, APC Polish, LSOH, yellow, 2.0 m | 21.15.9482 | – 10 |
| ROLINE FO Jumper Cable Duplex, 9/125µm, OS2, LSH/LC, APC Polish, LSOH, yellow, 3.0 m | 21.15.9483 | – 5 |
| ROLINE FO Jumper Cable Duplex, 9/125µm, OS2, LSH/LC, APC Polish, LSOH, yellow, 5.0 m | 21.15.9485 | – 5 |
| ROLINE FO Jumper Cable Duplex, 9/125µm, OS2, LSH/LC, APC Polish, LSOH, yellow, 7.5 m | 21.15.9486 | – 5 |
| ROLINE FO Jumper Cable Duplex, 9/125µm, OS2, LSH/LC, APC Polish, LSOH, yellow, 10.0 m | 21.15.9487 | – 5 |

## ROLINE Fibre Optic Jumper Cable Duplex, 9/125µm, OS2, LSH/LSH, APC Polish, LSOH

**High-quality fibre optic cable with the high protective, secured LSH connection on both sides - both connections are APC polished.**
- Duplex cable with fiber type 9/125µm OS2
- Cable material: sheath halogen-free and flame-retardant, yellow, solid core with aramid strain relief
- LSH connectors: precision-manufactured connectors with low return loss, APC ground joint, ceramic ferrule
- The LSH connector has a spring-loaded shutter, which fully protects the ferrule from dust and scratches
- APC Polish (8°- APC- Angled Physical Contact- allows tighter connection and smaller end-face radii)
- IL < 0.25dB, RL > 60dB
- IL (typical) < 0.12dB
- Cable OD (outer diameter): 3.0 x 6.0mm



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Halogenfree Flame retardant Low Smoke

| | Order-No. | – P.U. |
|---|---|---|
| ROLINE FO Jumper Cable Duplex, 9/125µm, OS2, LSH/LSH, APC Polish, LSOH, yellow, 0.5 m | 21.15.9500 | – 10 |
| ROLINE FO Jumper Cable Duplex, 9/125µm, OS2, LSH/LSH, APC Polish, LSOH, yellow, 1.0 m | 21.15.9501 | – 10 |
| ROLINE FO Jumper Cable Duplex, 9/125µm, OS2, LSH/LSH, APC Polish, LSOH, yellow, 2.0 m | 21.15.9502 | – 10 |
| ROLINE FO Jumper Cable Duplex, 9/125µm, OS2, LSH/LSH, APC Polish, LSOH, yellow, 3.0 m | 21.15.9503 | – 5 |
| ROLINE FO Jumper Cable Duplex, 9/125µm, OS2, LSH/LSH, APC Polish, LSOH, yellow, 5.0 m | 21.15.9505 | – 5 |
| ROLINE FO Jumper Cable Duplex, 9/125µm, OS2, LSH/LSH, APC Polish, LSOH, yellow, 7.5 m | 21.15.9506 | – 5 |
| ROLINE FO Jumper Cable Duplex, 9/125µm, OS2, LSH/LSH, APC Polish, LSOH, yellow, 10.0 m | 21.15.9507 | – 5 |

## ROLINE Fibre Optic Jumper Cable LSH Duplex, 9/125µm, OS2, LSH APC / LC UPC, LSOH

**High-quality fibre optic cable with the high protective, secured APC polished LSH connection on one side and UPC polished LC plug on the other side.**
- Duplex cable with fiber type 9/125µm OS2
- Cable material: sheath halogen-free and flame-retardant, yellow, solid core with aramid strain relief
- LC connector: connector with high mechanical load capacity, push-pull latched with anti-rotation lock, APC ground joint, ceramic ferrule
- LSH connectors: precision-manufactured connectors with low return loss, APC ground joint, ceramic ferrule, grey
- The LSH connector has a spring-loaded shutter, which fully protects the ferrule from dust and scratches
- LSH APC Polish (8°) / LC UPC Polish
- IL < 0.25dB, RL > 25dB
- IL (typical) < 0.12dB
- Cable OD (outer diameter): 3.0 x 6.0mm



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Halogenfree Flame retardant Low Smoke

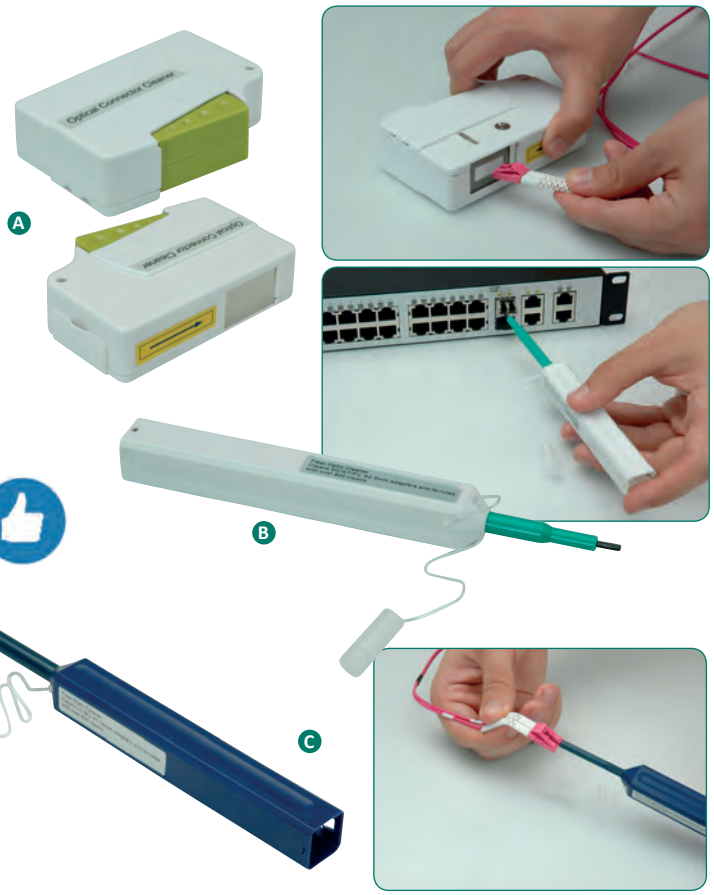
| | Order-No. | – P.U. |
|---|---|---|
| ROLINE FO Jumper Cable LSH Duplex, 9/125µm, OS2, LSH APC / LC UPC, LSOH, yellow, 0.5 m | 21.15.9510 | – 10 |
| ROLINE FO Jumper Cable LSH Duplex, 9/125µm, OS2, LSH APC / LC UPC, LSOH, yellow, 1.0 m | 21.15.9511 | – 10 |
| ROLINE FO Jumper Cable LSH Duplex, 9/125µm, OS2, LSH APC / LC UPC, LSOH, yellow, 2.0 m | 21.15.9512 | – 10 |
| ROLINE FO Jumper Cable LSH Duplex, 9/125µm, OS2, LSH APC / LC UPC, LSOH, yellow, 3.0 m | 21.15.9513 | – 5 |
| ROLINE FO Jumper Cable LSH Duplex, 9/125µm, OS2, LSH APC / LC UPC, LSOH, yellow, 5.0 m | 21.15.9515 | – 5 |
| ROLINE FO Jumper Cable LSH Duplex, 9/125µm, OS2, LSH APC / LC UPC, LSOH, yellow, 7.5 m | 21.15.9516 | – 5 |
| ROLINE FO Jumper Cable LSH Duplex, 9/125µm, OS2, LSH APC / LC UPC, LSOH, yellow, 10.0 m | 21.15.9517 | – 5 |

## VALUE Fibre Optic Universal-Cleaning Products

**13.99.3005 - VALUE Fibre Optic Universal Claening Cassette**
- Application range: can be used for any optical fiber cables plug type independently
- The cassette cleaner wipes away contaminants from optical connector end face
- Designed for all types of connectors
- Compact size for easy hand-held operations
- Dry-clean without the use of harmful substances
- Cleaning micro fibers are densely stranded and debris free
- Constructed with anti-static material
- Up to 500 cleanings per unit possible
- Contents: 100 Cleaning-Tissues

**13.99.3006 - VALUE Fibre Optic Cleaning Pen for SC Plug, 2.5mm**
- Ergonomic and comfortable design for cleaning SC connections
- Consistent cleaning results due to its precise mechanical action
- Economical solution with up to 800 endface cleanings in one unit possible
- Cleans both APC and UPC connectors
- Effective on a variety of contaminants, including: Dust / Lint / Oil / Grease

**13.99.3007 - VALUE Fibre Optic Cleaning Pen for LC Plug, 1.25mm**
- Ergonomic and comfortable design for cleaning SC connections
- Consistent cleaning results due to its precise mechanical action
- Economical solution with up to 800 endface cleanings in one unit possible
- Cleans both APC and UPC connectors
- Effective on a variety of contaminants, including: Dust / Lint / Oil / Grease




| | | Order-No. – P.U. |
|---|---|---|
| VALUE Fibre Optic Cleaning Cassette | A | 13.99.3005 – 5 |
| VALUE Fibre Optic Cleaning Pen for SC Plug, 2.5mm | B | 13.99.3006 – 5 |
| VALUE Fibre Optic Cleaning Pen for LC Plug, 1.25mm | C | 13.99.3007 – 5 |
| VALUE Fibre Optic Cleaning for MPO Plug | D | 13.99.3013 – 5 |

## Portable Laser Fiber Optic Checker Pro

For the quick test of Fibre Optic cables.
- Sends a visible (650 nm) strong laser signal through the cable- braking points become transparent by a visible light in the area of the damage
- Universal-connector can be used with common connector types (ST, SC, FC and others)
- Reversibel between continuous and pulsing ray
- Both Multi-mode and Single-mode distances suitable
- Batteries (not included in delivery): 2x Mignon (AA) 1.5V (LR06)



| | Order-No. – P.U. |
|---|---|
| Portable Laser Fiber Checker Pro | 13.99.3011 – 25 |

## ROLINE FO Panel 19“ unloaded, 12x Ports SC(Simplex)/LC(Duplex)

NEW

**For applications like: Data centres, premise installations, telecommunication networks, Data communication**
- Offers a flexible, multi functional solution allowing an easy access during installation or re-work with no disturbance of the existing cable or fibres
- Robust 1U sliding patch panel designed to house 12 adapters for SC or LC Multimode and Single-mode applications
- Fiber Optic Patch Panel for 12x Ports SC(Simplex) / LC(Duplex)
- The tray is locked in place with 2x metal screws
- When the tray is fully extended the it can be lowered to a 45 degrees angle and will provide the perfect working platform for installation or maintenance
- Offers 2 cable entry points, cables can be fixed with a gland buffer
- 1x M20 and 1x M25 cable gland included

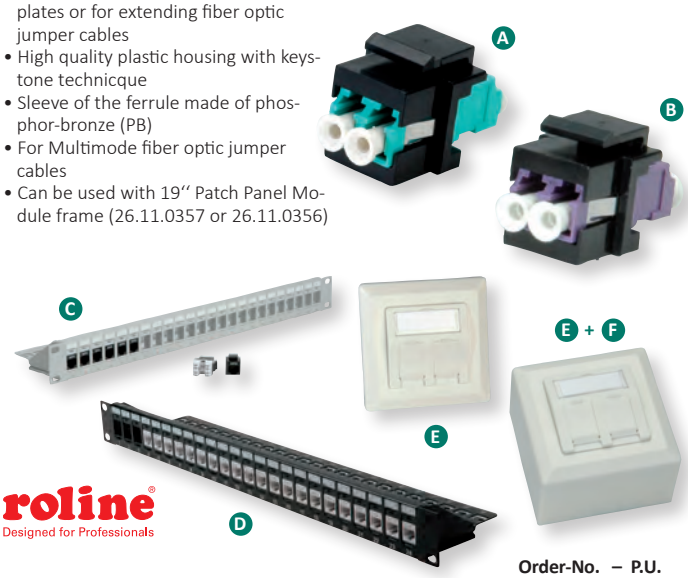


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| | Order-No. – P.U. |
|---|---|
| ROLINE FO Panel 19“ unloaded, 12x Ports SC(Simplex)/LC(Duplex), black | 21.17.0350 – 3 |

## ROLINE Fiber Optic Keystone Jacks

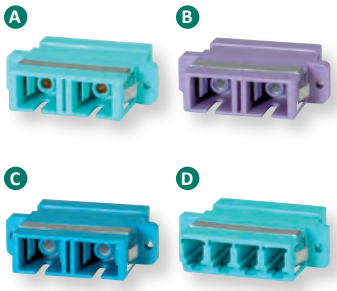
- ROLINE quality keystone adapter for fiber optic cabling
- 2x LC / 2x LC plug
- For installation in fiber optic front plates or for extending fiber optic jumper cables
- High quality plastic housing with keystone technicque
- Sleeve of the ferrule made of phosphor-bronze (PB)
- For Multimode fiber optic jumper cables
- Can be used with 19'' Patch Panel Module frame (26.11.0357 or 26.11.0356)
- Can be used toghether with a Flush Mount Wall Jack for keystones, 2-port (25.16.8579) or with a Surface Wall Mount Frame (25.15.8484)




| | | Order-No. – P.U. |
|---|---|---|
| ROLINE Fiber Optic Keystone Jack, LC Duplex, Multimode, OM3 | A | 21.17.0001 – 20 |
| ROLINE Fiber Optic Keystone Jack, LC/LC Duplex, Multimode, OM4 | B | 21.17.0002 – 20 |
| Keystone 19'' Module frame Cat.5/Cat.6, 24 P., blank, UTP, light grey | C | 26.11.0356 – 5 |
| Keystone 19'' Module frame Cat.5/Cat.6, 24 Ports, blank, UTP, black | D | 26.11.0357 – 5 |
| Flush Mount Wall Oulet for Keystones, 2-port | E | 25.16.8579 – 20 |
| Surface Wall Mount Frame | F | 25.16.8484 – 20 |

## VALUE Fibre Optic Adapters

- Fiber optic adapters and couplings for the cost effective fiber-optic cabling
- For mounting in fiber optic faceplates or for the extension for fiber optic cables
- The adapters are made of high quality plastic
- The guide sleeve for the ferrules are available in phosphor bronze (PB) for OM3/OM4




**21.99.0650**
- 19" FO panel to split multi-core fiber optic cable on single cores
- Prepared for splice trays
- 1.5 mm sheet steel, black
- Cable entry: PG 13
- Space for max. 24 SC duplex couplings 21.99.0655/0656/0657 or 24 LC couplings (quadruple) 21.99.0660/0661/0662




| | | Order-No. – P.U. |
|---|---|---|
| VALUE Fibre Optic Adapter SC/SC Duplex, OM3, PB | A | 21.99.0655 – 50 |
| VALUE Fibre Optic Adapter SC/SC Duplex, OM4, PB | B | 21.99.0656 – 50 |
| VALUE Fibre Optic Adapter SC/SC Duplex, OS2, Z | C | 21.99.0657 – 50 |
| VALUE Fibre Optic Adapter LC quadruple, OM3, PB | D | 21.99.0660 – 50 |
| VALUE Fibre Optic Adapter LC quadruple, OM4, PB | E | 21.99.0661 – 50 |
| VALUE Fibre Optic Adapter LC quadruple, OS2, Z | F | 21.99.0662 – 50 |
| VALUE 19" splice box empty 1U, extendable, 24x SC-DX quadruple | G | 21.99.0650 – 4 |

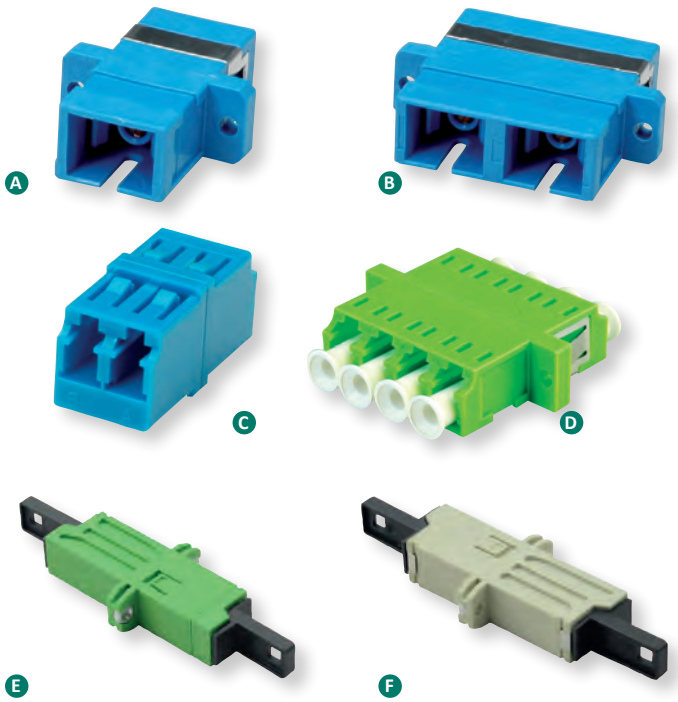
## ROLINE Fibre Optic Adapters

- Fiber optic adapters and couplings for the cost effective fiber-optic cabling
- For mounting in fiber optic faceplates or for the extension for fiber optic cables
- The guide sleeve for the ferrules are available for every type and version of phosphor bronze (PB) as well as a version of zirconium (Z)
- The version of zirconium ferrule is also suitable for single-mode

**21.17.0050**
- 4x LC / 4x LC socket
- For installation or extension of fiber optic cables
- High quality plastic housing (green)
- Guide sleeves of the ferrule made of zirconium (Z)
- Suitable for multi-mode fiber optic cable
- Quad LC coupling- fits in front panel cutouts for duplex SC

**21.17.0040 / 21.17.0041**
- LSH/LSH- socket
- To extend fiber optic cables
- Guide sleeves of the ferrule ceramic
- IL(typical) < 0.15dB / • RL(typical) > 60dB
- With nut and screw applicability

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| | | Order-No. – P.U. |
|---|---|---|
| ROLINE Fibre Optic Adapter SC Simplex Multimode, PB | A | 21.17.0075 – 50 |
| ROLINE Fibre Optic Adapter SC Simplex Single-Mode, Z | A | 21.17.0071 – 50 |
| ROLINE Fibre Optic Adapter SC Duplex Multimode, PB | B | 21.17.0085 – 50 |
| ROLINE Fibre Optic Adapter SC Duplex Single-Mode, Z | B | 21.17.0081 – 50 |
| ROLINE Fibre Optic Adapter LC Duplex Single-Mode, Z | C | 21.17.0141 – 50 |

| | | Order-No. – P.U. |
|---|---|---|
| ROLINE Fibre Optic Adapter LC quadruple, Multimode, OM5, Z | D | 21.17.0050 – 50 |

| | | Order-No. – P.U. |
|---|---|---|
| ROLINE Fibre Optic Adapter, LSH, Flange, green | E | 21.17.0040 – 50 |
| ROLINE Fibre Optic Adapter, LSH, Flange, beige | F | 21.17.0041 – 50 |

## VALUE MPO (multi-fibre push-on) Cabling System

DATA CENTER Product

**MPO (multi-fibre push-on) cabling system**

The MPO (multi-fibre push-on) cabling system is an easy-to-use solution based on a high density connector and ribbon-fiber cables with 12 cores. This system is commonly used in data centers but also e.g. between server rooms. It is designed for reliable and quick operations with the obvious benefits of less space requirements and improved scalability. The pre-terminated MPO cables can fan-out to other connections, usually to LC, to interconnect with standard-density products or services, using modules or fan-out cables.

**Key Facts MPO**

- Fully supports all optical fiber applications within the Ethernet family
- Modular solution with reusable modules and cables
- High-density cabling saves pathway space and gives improved airflow compared to traditional cable bundles
- Cables are pre-terminated in the factory to the correct length with high density connectivity

**MPO components**

MPO connectors contact usually 12 fibers in a single connection. A connection must be stable and its ends correctly aligned. These aspects are essential for achieving the required transmission parameters.

Therefore MPO connectors are available in a male version (with pins) or a female version (without pins). The pins ensure that the fronts of the connectors are exactly aligned on contact and that the end-faces of the fibers are not offset.Remark: all cables are halogen-free (LSOH). The connectors are low-loss connectors with a very low attenuation.

**1. Cables**

MPO cables are delivered already terminated. That requires greater care in planning in advance but it has a number of advantages: short installation times, tested and guaranteed quality and great reliability.

**Trunk cables:**

Trunk cables serve as a permanent link connecting the MPO modules to each other. Trunk cables are available with 12 fibers. Their ends are terminated with 12-fiber MPO connectors female version (without pins).

**Fan-Out cables:**

Fan-Out cables are used for the connection of a MPO cable to standard-density connectors, usually to 12 LC connectors.

**Fiber optic - Cable OM4:**

Please see the ROLINE Fiber optic jumper cable 50/125µm OM4 in our catalogue.The key point of each installation is to ensure the correct wiring from transceiver to receiver. In case of using a set of cassettes, trunkcables and duplex patchcords- you need to follow a certain guideline for the polarity method of the trunkcables. The case described in the graphic is according to the polarity A method, means the duplex fibre optic jumper cables MUST be CROSS connected on one side and STRAIGHT connected on the second side.

**2. Adapters**

Adapters are used to connect two MPO connectors. They enforce that both keys are up. So the two connectors are connected while in the same position in relation to each other.

**3. Modules**

Modules and adapter plates are what connect the permanent link to the standard-density patch cable.

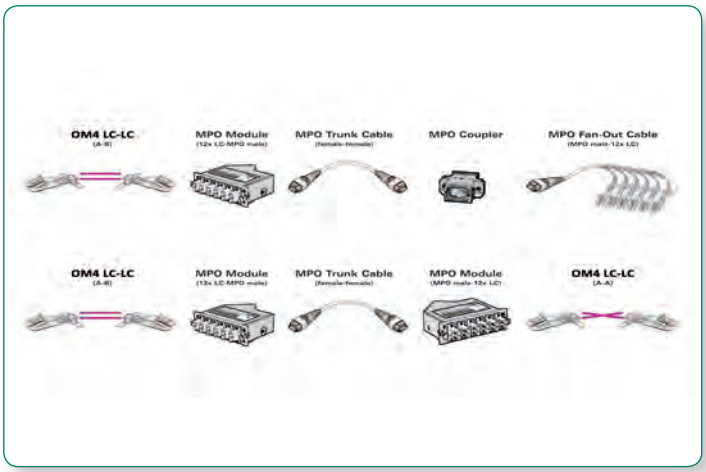
The MPO module enables the user to take the fibers brought by a trunk cable and distribute them to a duplex cable. As already assembled units, the MPO modules are fitted with 12 fibers and have LC adapters on the front side and MPO at the rear. The modules can be built in panels to be installed in a 19“ rack.

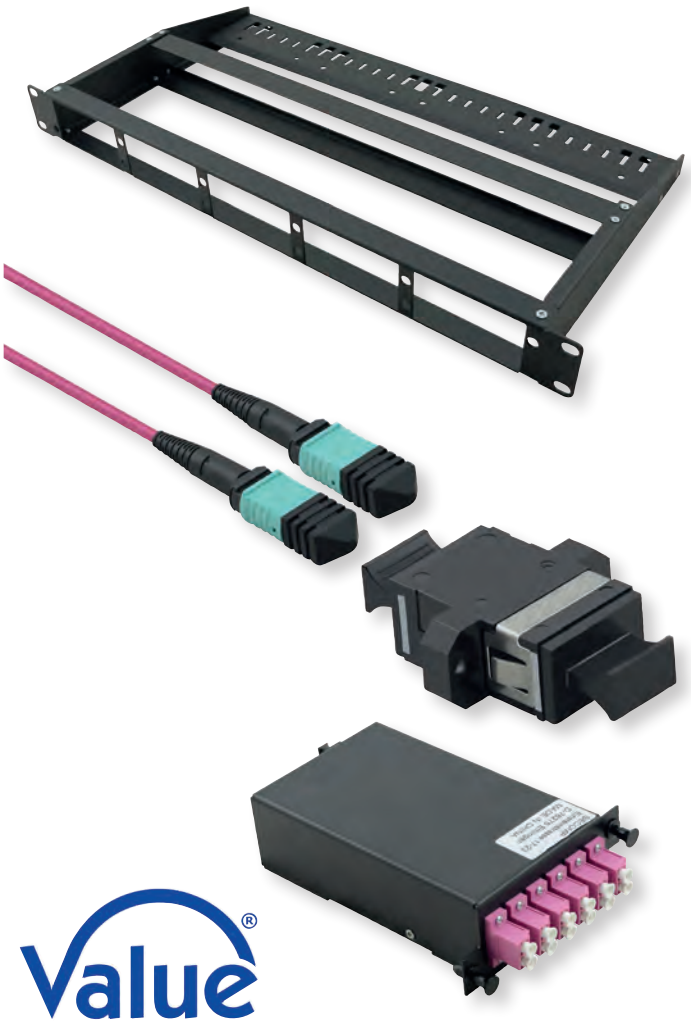
**Connection rules**

a) When creating an MPO connection, always use one male connector and one female connector plus one MPO adapter.

b) Never connect a male to a male or a female to a female. With a female-to-female connection, the fiber cores of the two connectors will not be at the exact same height because the guide pins are missing. That will lead to losses in performance. A male-to-male connection has even more disastrous results. There the guide pins hit against guide pins so no contact is established. This can also damage the connectors.

c) Never dismantle an MPO connector. The pins are difficult to detach from an MPO connector and the fibers might break in the process.



| | Order-No. | – P.U. |
|---|---|---|
| VALUE MPO Trunk Cable 50/125µm OM4, MPO/MPO, violet, 3.0 m | 21.99.1101 | – 10 |
| VALUE MPO Trunk Cable 50/125µm OM4, MPO/MPO, violet, 5.0 m | 21.99.1102 | – 10 |
| VALUE MPO Trunk Cable 50/125µm OM4, MPO/MPO, violet, 10.0 m | 21.99.1103 | – 5 |
| VALUE MPO Trunk Cable 50/125µm OM4, MPO/MPO, violet, 15.0 m | 21.99.1105 | – 5 |
| VALUE MPO Fan-Out Cable 50/125µm OM4, MPO/12x LC, violet, 2m | 21.99.1100 | – 10 |
| VALUE MPO/MPO Coupler | 21.99.1106 | – 10 |
| VALUE MPO Module, MPO-Male /12x LC - Female | 21.99.1107 | – 5 |
| VALUE MPO Panel 19“ for 3 Modules | 21.99.1108 | – 5 |

**Product similar to picture / module includes** MPO-Male /12x LC - Female

## VALUE / ROLINE 19“ LCD KVM Consoles

DATA CENTER Product

**The professional solution for server-management.**
- 19“ LCD console combines the function of a keyboard, a touchpad and a 43 cm/48 cm TFT together in a 1 U casing for a 19“ rack
- For an installation depth of 63 to 90 cm
- Keyboard layout: English (UK), others on demand
- Contents: Console, rails with mounting accessories, rack mount brackets, keys, KVM cable (HDDB-15/VGA + 2x PS/2, 1.8 m), USB cable, power supply, power cord, CD with manual, quick installation guide
- **Technical particularity of the ROLINE consoles:** Dual rail design for independent panel and keyboard drawer. Panel can be left open while rack door is closed, so that it can e. g. be used as a surveillance monitor.





**Monitor data:**
- Panel protected by tempered glass
- Active 43 cm/48 cm matrix TFT display
- Max. resolution (nominal): 1280 x 1024 Pixel (4:3 Format) or 1920 x 1080 Pixel (DVI, 4:3 Format), 1440 x 900 Pixel (16:10 Format)
- Refresh rate: up to 80 kHz
- Contrast: 400:1
- Brightness: 250 cd/m²



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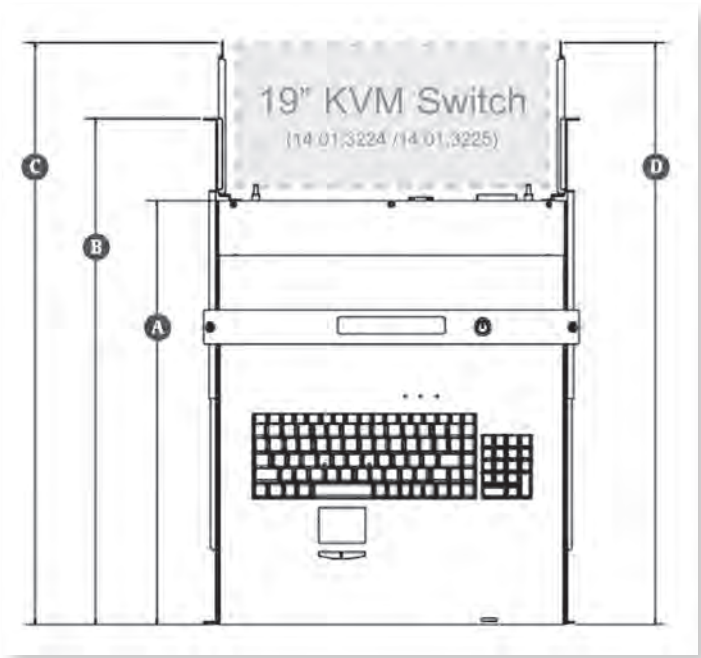
**Recommended switches and cables (ONLY for ROLINE Consoles):**
- 14.01.3224 ROLINE 19“ KVM Switch, 1 User- 8 PC, USB and PS/2
- 14.01.3225 ROLINE 19“ KVM Switch, 1 User- 16 PC, USB and PS/2
- Cable for PS/2: 11.01.5522 (3 m)
- Cable for USB: 11.01.5525 (1.8 m), 11.01.5526 (3 m)



26.99.012x/013x



26.50.008x,
26.50.030x,
26.50.020x




| Dimensions (mm) | A | B | C | D |
|---|---|---|---|---|
| ROLINE 19“ KVM Console, 43 cm (26.50.008x, 26.50.030x) | 460 | 560- 870 | 640 | 640 |
| ROLINE 19“ KVM Console, 48 cm (26.50.020x) | 530 | 635- 950 | 730 | 730 |

**Legend:**
A- Installation depth of console
B- Distance of 19“ cabinet’s vertical posts
C- Installation depth of console with switch (14.01.3324/5)
D- Length of rails



| | Order-No. | – P.U. |
|---|---|---|
| VALUE 19“ LCD KVM Console, 43 cm (17“) TFT, VGA, USB, UK | 26.99.0120 | – 1 |
| VALUE 19“ LCD KVM Console, 43 cm (17“) TFT, VGA, USB, German | 26.99.0121 | – 1 |
| VALUE 19“ LCD KVM Console, 43 cm (17“) TFT, VGA, USB, Swiss | 26.99.0122 | – 1 |
| VALUE 19“ LCD KVM Console, 43 cm (17“) TFT, VGA, USB, French | 26.99.0123 | – 1 |
| VALUE 19“ LCD KVM Console, 48 cm (19“) TFT, VGA, USB, UK | 26.99.0130 | – 1 |
| VALUE 19“ LCD KVM Console, 48 cm (19“) TFT, VGA, USB, German | 26.99.0131 | – 1 |
| VALUE 19“ LCD KVM Console, 48 cm (19“) TFT, VGA, USB, Swiss | 26.99.0132 | – 1 |
| VALUE 19“ LCD KVM Console, 48 cm (19“) TFT, VGA, USB, French | 26.99.0133 | – 1 |
| ROLINE 19“ LCD KVM Console, 43 cm (17“) TFT, VGA, USB + PS/2, UK | 26.50.0081 | – 1 |
| ROLINE 19“ LCD KVM Console, 43 cm (17“) TFT, VGA, USB + PS/2, German | 26.50.0082 | – 1 |
| ROLINE 19“ LCD KVM Console, 43 cm (17“) TFT, VGA, USB + PS/2, Swiss | 26.50.0083 | – 1 |
| ROLINE 19“ LCD KVM Console, 43 cm (17“) TFT, VGA, USB + PS/2, French | 26.50.0084 | – 1 |
| ROLINE 19“ LCD KVM Console, 43 cm (17“) TFT, DVI-I, USB + PS/2, UK | 26.50.0301 | – 1 |
| ROLINE 19“ LCD KVM Console, 43 cm (17“) TFT, DVI-I, USB + PS/2, German | 26.50.0302 | – 1 |
| ROLINE 19“ LCD KVM Console, 43 cm (17“) TFT, DVI-I, USB + PS/2, Swiss | 26.50.0303 | – 1 |
| ROLINE 19“ LCD KVM Console, 43 cm (17“) TFT, DVI-I, USB + PS/2, French | 26.50.0304 | – 1 |
| ROLINE 19“ LCD KVM Console, 48 cm (19“) TFT, VGA, USB + PS/2, UK | 26.50.0201 | – 1 |
| ROLINE 19“ LCD-KVM Console, 48 cm (19“) TFT, VGA, USB + PS/2, German | 26.50.0202 | – 1 |
| ROLINE 19“ LCD-KVM Console, 48 cm (19“) TFT, VGA, USB + PS/2, Swiss | 26.50.0203 | – 1 |
| ROLINE 19“ LCD-KVM Console, 48 cm (19“) TFT, VGA, USB + PS/2, French | 26.50.0204 | – 1 |

## VALUE Stand/Wall Mount Cabinets with Glass Front

- VALUE stand/wall mount cabinets for the installation of active and passive network components
- Toughened glass front with lock with rotary handle, the direction of opening the door can be changed according to the requirement, the opening degree of the door is more than 180°
- Quick open side door, convenient for equipment installation and maintaining
- One cable channel on the top and the other on the bottom
- 19“ standard installation, installation depth can be adjusted according to the requirement
- Colour: black (RAL 7021)
- Remark: Delivery as an assembly set
- Maximum load capacity: 60kg
- Contents: Wall mount rack, grounding set, installation material

**Optional: for 19“ accessories please see also pages 1.47 - 1.51**





| | Order-No. – P.U. |
|---|---|
| VALUE 19“ Wall Mount Rack 6U, 368x570x450mm (HxWxD) | 26.99.0146 – 1 |
| VALUE 19“ Wall Mount Rack 6U, 368x570x600mm (HxWxD) | 26.99.0147 – 1 |
| VALUE 19“ Wall Mount Rack 9U, 505x570x450mm (HxWxD) | 26.99.0149 – 1 |
| VALUE 19“ Wall Mount Rack 9U, 505x570x600mm (HxWxD) | 26.99.0150 – 1 |
| VALUE 19“ Wall Mount Rack 12U, 640x570x450mm (HxWxD) | 26.99.0151 – 1 |
| VALUE 19“ Wall Mount Rack 12U, 640x570x600mm (HxWxD) | 26.99.0152 – 1 |
| VALUE 19“ Wall Mount Rack 15U, 775x570x450mm (HxWxD) | 26.99.0154 – 1 |
| VALUE 19“ Wall Mount Rack 15U, 775x570x600mm (HxWxD) | 26.99.0155 – 1 |
| VALUE 19“ Wall Mount Rack 18U, 910x570x450mm (HxWxD) | 26.99.0157 – 1 |
| VALUE 19“ Wall Mount Rack 18U, 910x570x600mm (HxWxD) | 26.99.0158 – 1 |

## VALUE Network / Server Cabinets 42U

DATA CENTER Product

**VALUE 19“-Cabinets, black, in 42 U, with two versions - as Server and as Cabling Cabinet**

- Server Cabinet in BxT 800x1000mm with vented doors on front and back side
- Cabling Cabinet in BxT 800x800mm with a glass door on the front side and a back door in sheet steel
- Two pairs of 19“-profiles
- All doors are lockable with single point locking
- Both Cabinet versions have 4 castors as well as 4 adjustable feet
- Demountable side panels, convenient for installation and maintenance
- Top cover of Server Cabinet with cable entry opening possibility
- Top cover of Cabling Cabinet with cable entry opening possibility and with 4 cooling fans included
- All cabinets come with 3 fixed shelfs and a pair of vertical cable management

**Optional: for 19“ accessories please see also pages 1.47 - 1.51**

**REMARK:**
**Please be aware that the cabinets are assembled.**
**To avoid damage during transport, a special care is needed.**
**The transport sizes are different (larger) to the mentioned dimensions in the description.**
**The transport has to be done in a vertical position!**



A







B

per Spedition

| | | Order-No. – P.U. |
|---|---|---|
| VALUE Network Cabinet 42U, 2000x800x800 mm | A | 26.99.0810 – 1 |
| VALUE Server Cabinet 42U, 2000x800x1000 mm | B | 26.99.0820 – 1 |




# Switchboxes / Hubs

2

"Star" KVM Switches . . . . . 2.02
19"Desktop" KVM Switches . . . . . 2.03
19" KVM Switches . . . . . 2.04 – 2.05
19'' LCD KVM Switches . . . . . 2.04 – 2.05
KVM DisplayPort Switches . . . . . 2.06, 2.07
KVM Extenders. . . . . 2.07, 2.08, 2.09
KVM DVI Switches / Extender . . . . . 2.08
KVM HDMI Switches . . . . . 2.08, 2.09
Manual USB Switches . . . . . 2.09 – 2.10
USB 2.0 / 3.2 Gen 1 / 2 Hubs . . . . . 2.10 – 2.14

## VALUE KVM Switch „Star“ 1 User - 2 PCs, VGA, USB

- Two PCs can be handled with one monitor, one keyboard and one mouse
- Console side Connector: 1x HD15 F, 2x USB Type A
- Switching can be done by several ways:
  - Hot keys (keyboard combination)
  - Manual switching with direct-access port selectors on top of the switch
- Max. resolution: 1920 x 1200 @ 75Hz
- LEDs for easy status monitoring
- USB bus powered
- No firmware or drivers required for Windows
- Contents: Switch with integrated KVM cables (each 1.15 m), HD15 M, USB Type A, manual

| **Technical Data:** | **14.99.3261** |
|---|---|
| Monitor connection: | 1x HD15 F |
| Keyboard connection: | 1x USB Type A F* |
| Mouse connection: | 1x USB Type A F* |
| PC monitor connection: | 2x HD15 M* |
| PC keyboard connection*: | 1x USB Type A F* |
| PC mouse connection*: | 1x USB Type A F* |
| PC mouse and keyboard*: | - |
| Max. resolution (nominal): | 1024 x 768 |
| Casing: | Plastic |

*attached moulded Cables



| | **Order-No. – P.U.** |
|---|---|
| VALUE KVM Switch „Star“ 1 User - 2 PCs, VGA, USB | 14.99.3261 – 5 |

## ROLINE KVM Switch „Star“ 1 User - 2 PCs, Audio, USB

**One USB keyboard, USB mouse and VGA monitor controls two computers**

- Automatic KVM-Switch with attached moulded cables
- Computer selection via hot key
- Easy to install, no software required
- Keyboard, mouse and monitor emulation
- Audio (speaker) enabled
- LEDs for easy status monitoring
- No power supply needed
- Contents: Switch with 2 integrated KVM cables (each 1.1 m)
- Contents: Switch, manual

| **Technical data:** | **14.01.3234** |
|---|---|
| PC Monitor connection: | 1x VGA |
| PC Keyboard / Mouse connection: | 2x USB Type A |
| Audio connection: | 2x 3.5 mm stereo plug |
| Keyboard/mouse emulation: | yes |
| Max. resolution (nominal): | 1920 x 1080 |





| | **Order-No. – P.U.** |
|---|---|
| ROLINE KVM Switch „Star“ 1 User - 2 PCs, Audio, USB | 14.01.3234 – 3 |

## VALUE KVM Switch „Star“, 1 User - 2 PCs, USB, DVI, Audio

- Controls two computers from a single console (USB keyboard, DVI monitor, USB mouse)
- Switch with two attached KVM cables (each 1.2 m)
- Max. resolution (nominal): 1920 x 1080 @ 60Hz
- Connectors console side: 1x DVI, 2x USB, 2x 3.5mm audio plug
- Connectors computer side: 2x DVI, 2x USB, 4x 3.5mm audio plug
- Supports independent audio switching
- Easy switching by push buttons or hot keys; auto scan function
- Keyboard and mouse emulation
- LED display for PC status monitoring
- Hot-swapping and plug & play
- Bus powered
- Supports Windows 98SE/ME/2000/ XP/2003 Server/Vista
- Contents: Switch with attached KVM cables (each 1.2 m), manual






| **Technical Data:** | |
|---|---|
| Monitor connection: | 1x DVI-I F |
| Keyboard connection: | 1x USB Type A F |
| Mouse connection: | 1x USB Type A F |
| Audio connection: | 2x 3.5 mm stereo plug |
| PC monitor connection*: | 2x DVI M |
| PC keyboard/mouse connection*: | 2x USB Type A M |
| PC audio connection*: | 4x 3.5 mm stereo plug* |
| Max. resolution (nominal): | 1920 x 1080 |
| Casing: | Plastic |

*attached moulded Cables

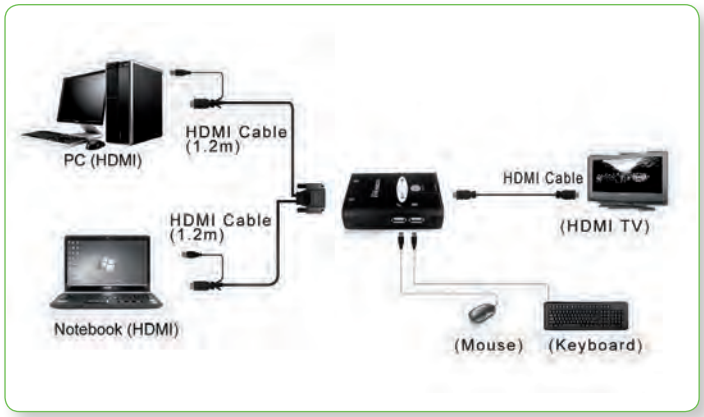
| | **Order-No. – P.U.** |
|---|---|
| VALUE KVM Switch „Star“, 1 User - 2 PCs, USB, DVI, Audio | 14.99.3259 – 5 |

## VALUE KVM Switch „Star“, 1 User - 2 PCs, HDMI, USB

**This 2-port USB KVM Star switch employs HDMI display technology for use with high definition digital monitors and HDTVs.**

- Controls 2 computers from a single USB console (keyboard/mouse)
- Easy switching by push buttons or hot keys from USB keyboard
- Supports Auto-Scan function
- Max. resolution (nominal): 1920 x 1200
- Connectors console side: 1x HDMI, 2x USB (keyboard, mouse)
- Connectors computer side: 2x HDMI, 1x USB (keyboard/mouse)
- LEDs for PC and audio status monitoring
- Hot-swapping and plug & play
- Self powered through USB connection
- Contents: Switch with KVM cables (each 1.2 m), manual






Technical data:

| | |
|---|---|
| Monitor connection: | 1x HDVideo F |
| Keyboard connection: | 1x USB Type A F |
| Mouse connection: | 1x USB Type A F |
| PC monitor connection: | 2x HDVideo F |
| PC keyboard/mouse connection: | 2x USB Type A M |
| Max. resolution (nominal): | 1920 x 1200 |
| Dimensions: | 65 x 85 x 25 mm |
| Weight: | 330 g |

| | Order-No. – P.U. |
|---|---|
| VALUE KVM Switch „Star“, 1 User - 2 PCs, HDMI, USB | 14.99.3250 – 6 |

## VALUE 19“ KVM Switch with OSD, USB

- Automatic KVM Switch
- Up to 8 PCs can be handled with one keyboard, one mouse and one monitor
- The switch is cascadable, up to 64 PCs can be handled with one keyboard, mouse and one monitor
- The switching can be done on several ways:
  - Automatically in a scan run (Scan Interval adjustable: 5- 99 sec.)
  - Manually by buttons on front side of the switchbox
  - Hot key (keyboard combination)
  - Through OSD (On Screen Display)
- Max. resolution (nominal): 1280 x 1024 (local unit);
  1024 x 786 (remote unit with optional IP module)
- Hot-swappable function
- LEDs for channel display
- 19“-rack mountable



- **Remark: For connecting PCs, special cables are needed, that have to be ordered separately (3 m length, USB: 11.99.5501)**
- Contents: KVM switch, power supply, 19“ brackets, manual

**REMARK: Product similar to picture**

| **Technical Data:** | **14.99.3222** |
|---|---|
| Monitor connection: | 1x HD15 F |
| Keyboard connection: | 1x USB Type A F |
| Mouse connection: | 1x USB Type A F |
| PC connection: | 8x SPHD15 F |
| Casing: | Metal |
| Dimensions (WxDxH): | 448 × 190 × 44 mm |
| Hight: | 1 U |
| Power supply: | 5V DC, 1A |




| | Order-No. – P.U. |
|---|---|
| VALUE 19“ KVM Switch with OSD, 1 User - 8 PCs, USB | 14.99.3222 – 2 |
| VALUE KVM Cable (USB) for 14.99.3222/.3223, black, 3.0 m | 11.99.5501 – 8 |

## VALUE 19“ LCD KVM Consoles & Switches

NEW

DATA CENTER Product

**The low-cost solution for professional Server Management.**

**VALUE 19“ consoles:**
- The VALUE 19“ LCD consoles combine the function of a keyboard, a touchpad and a TFT together in a 1 U casing for a 19“ rack
- Easy to install, single rail design
- Supports USB and PS/2 keyboard and mouse, VGA
- For an installation depth of 63 cm
- Telescopic Slides

**Monitor data 43/48 cm**
- Panel protected by tempered glass
- Active 43/48 cm matrix TFT display
- Screen ratio: 4:3
- Max. resolution (nominal): 1920 x 1080 Pixel

- **Contents:**
  Console, Power Cord, KVM Cable (1.8m, VGA HD15), USB Cable, Rack Mount Brackets, Mounting Accessories, Keys, Manual

**VALUE 19“ KVM switches**
- Additional to 19“ LCD KVM Consoles
- Up to 8 PCs can be controlled with one keyboard, one mouse and one monitor
- Supports both PS/2 and USB interface for connecting to PC ports conveniently
- No software required- easy PC selection via On Screen Display (OSD), push buttons, hot-keys
- Hot-pluggable- add or remove connected PCs without powering off the KVM switch or PCs
- Contents: switch, rails with mounting accessories, rack mount brackets, KVM cable (HDDB-15/VGA + 1x USB + 2x PS/2, 1.8m), power adapter, power cord, CD with manual, quick installation guide

REMARK: Please be noted that this console can’t used together with 14.01.3224 and 14.01.3225





| | Order-No. – P.U. |
|---|---|
| VALUE 19“ LCD KVM Console, 43 cm (17“) TFT, VGA, USB, UK | 26.99.0120 – 1 |
| VALUE 19“ LCD KVM Console, 43 cm (17“) TFT, VGA, USB, German | 26.99.0121 – 1 |
| VALUE 19“ LCD KVM Console, 43 cm (17“) TFT, VGA, USB, Swiss | 26.99.0122 – 1 |
| VALUE 19“ LCD KVM Console, 43 cm (17“) TFT, VGA, USB, French | 26.99.0123 – 1 |
| VALUE 19“ LCD KVM Console, 48 cm (19“) TFT, VGA, USB, UK | 26.99.0130 – 1 |
| VALUE 19“ LCD KVM Console, 48 cm (19“) TFT, VGA, USB, German | 26.99.0131 – 1 |
| VALUE 19“ LCD KVM Console, 48 cm (19“) TFT, VGA, USB, Swiss | 26.99.0132 – 1 |
| VALUE 19“ LCD KVM Console, 48 cm (19“) TFT, VGA, USB, French | 26.99.0133 – 1 |
| VALUE 19“ LCD KVM Switch 1 User - 8PCs, 43 cm (17“) TFT (4:3), VGA, USB, UK | 26.99.0160 – 1 |
| VALUE 19“ LCD KVM Switch 1 User - 8PCs, 43 cm (17“) TFT (4:3), VGA, USB, German | 26.99.0161 – 1 |
| VALUE 19“ LCD KVM Switch 1 User - 8PCs, 43 cm (17“) TFT (4:3), VGA, USB, Swiss | 26.99.0162 – 1 |
| VALUE 19“ LCD KVM Switch 1 User - 8PCs, 43 cm (17“) TFT (4:3), VGA, USB, French | 26.99.0163 – 1 |
| VALUE 19“ LCD KVM Switch 1 User - 8PCs, 48 cm (19“) TFT (16:9), VGA, USB, UK | 26.99.0190 – 1 |
| VALUE 19“ LCD KVM Switch 1 User - 8PCs, 48 cm (19“) TFT (16:9), VGA, USB, German | 26.99.0191 – 1 |
| VALUE 19“ LCD KVM Switch 1 User - 8PCs, 48 cm (19“) TFT (16:9), VGA, USB, Swiss | 26.99.0192 – 1 |
| VALUE 19“ LCD KVM Switch 1 User - 8PCs, 48 cm (19“) TFT (16:9), VGA, USB, French | 26.99.0193 – 1 |

Value®

## ROLINE 19“ LCD KVM Consoles & Switches

DATA CENTER Product

**The professional solution for server-management.**

**ROLINE 19“ consoles:**
- The ROLINE 19“ LCD Console combines the function of a keyboard, a touchpad and a 43 cm/48 cm TFT together in a 1 U casing for a 19“ rack
- For an installation depth of 63 to 90 cm
- Keyboard layout: English (UK)

- Technical particularity of the ROLINE consoles: Dual rail design for independent panel and keyboard drawer. Panel can be left open while rack door is closed, so that it can e.g. be used as a surveillance monitor.

**Monitor data:**
- Panel protected by tempered glass
- Active 43 cm/48 cm matrix TFT display
- Max. resolution (nominal): 1280 x 1024 Pixel (4:3 Format) or 1920 x 1080 Pixel (DVI, 4:3 Format) 1440 x 900 Pixel (16:10 Format)
- Refresh rate: up to 80 KHz
- Contrast: 400:1
- Brightness: 250 cd/m²

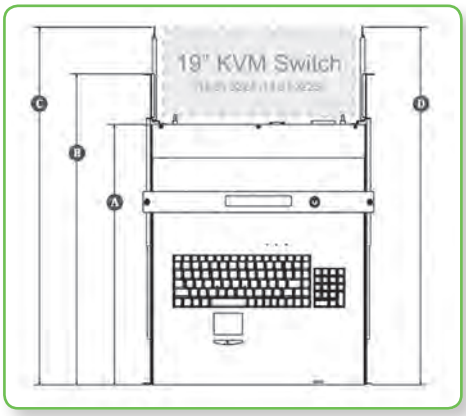
- Contents: Console, rails with mounting accessories, rack mount brackets, keys, KVM cable (HDDB-15/VGA + 2x PS/2, 1.8 m), USB cable, power supply, power cord, CD with manual, quick installation guide

**ROLINE 19“ KVM Switches:**
- For combination with the ROLINE 19“ LCD KVM Consoles
- Up to 8/16 PCs can be controlled with one keyboard, one mouse and one monitor
- Supports both PS/2 and USB interface for connecting to PC ports conveniently
- No software required- easy PC selection via On Screen Display (OSD), push buttons, hot-keys
- Hot-pluggable- add or remove connected PCs without powe-ring off the KVM switch or PCs
- Support two layers password security protection and search PC server name
- Keyboard status restored when switching PCs
- Please find adequate Cat. 5 and IP modules on the following pages

- **Remark:** Please order KVM cables separately:
  Cable for PS/2: 11.01.5521, 11.01.5522
  Cable for USB: 11.01.5525, 11.01.5526

- Contents: Switch, installaion brackets, screws, manual






roline®
Designed for Professionals



| Dimensions (mm) | A | B | C | D |
|---|---|---|---|---|
| ROLINE 19” KVM Console, 43 cm (26.50.008x) | 460 | 560 – 870 | 640 | 640 |
| ROLINE 19” KVM Console, 48 cm (26.50.020x / 030x) | 530 | 635 – 950 | 730 | 730 |

**Legend:**
A – Installation depth of console
B – Distance of 19” cabinet’s vertical posts
C – Installation depth of console with switch (14.01.3324/5)
D – Length of rails

| | Order-No. | P.U. |
|---|---|---|
| ROLINE 19“ LCD KVM Console, 43 cm (17“) TFT, VGA, USB + PS/2, UK | 26.50.0081 | 1 |
| ROLINE 19“ LCD KVM Console, 43 cm (17“) TFT, VGA, USB + PS/2, German | 26.50.0082 | 1 |
| ROLINE 19“ LCD KVM Console, 43 cm (17“) TFT, VGA, USB + PS/2, Swiss | 26.50.0083 | 1 |
| ROLINE 19“ LCD KVM Console, 43 cm (17“) TFT, VGA, USB + PS/2, French | 26.50.0084 | 1 |
| ROLINE 19“ LCD KVM Console, 48 cm (19“) TFT, VGA, USB + PS/2, UK | 26.50.0201 | 1 |
| ROLINE 19“ LCD-KVM Console, 48 cm (19“) TFT, VGA, USB + PS/2, German | 26.50.0202 | 1 |
| ROLINE 19“ LCD-KVM Console, 48 cm (19“) TFT, VGA, USB + PS/2, Swiss | 26.50.0203 | 1 |
| ROLINE 19“ LCD-KVM Console, 48 cm (19“) TFT, VGA, USB + PS/2, French | 26.50.0204 | 1 |
| ROLINE 19“ LCD KVM Console, 43 cm (17“) TFT, DVI-I, USB + PS/2, UK | 26.50.0301 | 1 |
| ROLINE 19“ LCD KVM Console, 43 cm (17“) TFT, DVI-I, USB + PS/2, D | 26.50.0302 | 1 |
| ROLINE 19“ LCD KVM Console, 43 cm (17“) TFT, DVI-I, USB + PS/2, CH | 26.50.0303 | 1 |
| ROLINE 19“ LCD KVM Console, 43 cm (17“) TFT, DVI-I, USB + PS/2, French | 26.50.0304 | 1 |
| ROLINE 19“ KVM Switch VGA, 1 User - 8 PCs, USB + PS/2 | 14.01.3224 | 2 |
| ROLINE 19“ KVM Switch VGA, 1 User - 16 PCs, USB + PS/2 | 14.01.3225 | 2 |
| ROLINE KVM Cable Switch - PC, PS/2 for 14.01.3224 and 14.01.3225, 1.8 m | 11.01.5521 | 8 |
| ROLINE KVM Cable Switch - PC, PS/2, 3.0 m, for 14.01.3224 and 14.01.3225 | 11.01.5522 | 4 |
| ROLINE KVM Cable Switch - PC, USB, 1.8 m, for 14.01.3224 and 14.01.3225 | 11.01.5525 | 8 |
| ROLINE KVM Cable Switch - PC, USB, 3.0 m, for 14.01.3224 and 14.01.3225 | 11.01.5526 | 4 |

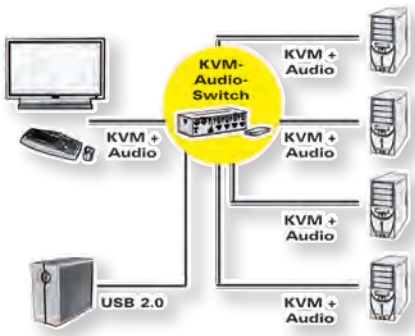


## VALUE KVM Switch, 1 User - 4 PCs, HDMI 4K, USB, Audio, USB Hub

4K | 3D capable

- 4-port KVM switch with HDMI, USB and USB hub
- One console controls up to 4 HDMI graphic PCs and one additional USB device
- Integrated 1-port USB 2.0 hub
- Microphone support
- Fully compliant with HDMI High Speed
- Supports nominal 480p, 720p, 1080i and 1080p; 3840x2160 (30Hz)
- 3D capable
- Switching via front panel push buttons or IR remote control
- Keyboard and mouse emulation
- Supports Windows 98SE/ME/2000/XP/Vista/7/8
- Contents: Switch, power supply, remote control, manual






| Technical data: | 14.99.3337 |
|---|---|
| Monitor connection: | 1x HDMI F |
| Keyboard connection: | 1x USB Type A |
| Mouse connection: | 1x USB Type A |
| Audio connection: | 1x 3.5 mm audio jack |
| PC monitor connection: | 4x HDMI F |
| PC keyboard/mouse connection: | 4x USB Type B |
| PC audio connection: | 4x 3.5 mm audio jack |
| Dimensions (WxDxH): | 46.5 x 170 x 75 mm |

| | Order-No. – P.U. |
|---|---|
| VALUE KVM Switch, 1 User - 4 PCs, HDMI 4K, USB, Audio, USB Hub | 14.99.3337 – 5 |

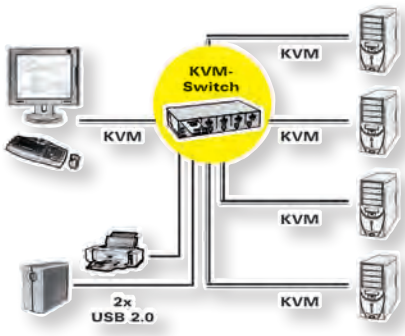
## ROLINE KVM Switch, 1 User - 2/4 PCs, DisplayPort, with USB Hub

- Control 2/4 computers from a single USB console (DisplayPort monitor, USB mouse and keyboard)
- Supports DisplayPort with a resolution up to 2560 x 1600
- Integrated 1-port USB 2.0 hub allows 2/4 computers to share a USB device
- Front panel push button or hot-key function for easy computer selection
- No software required
- Supports Windows
- Contents: KVM switch, power supply, manual










| Technical data: | 14.01.3327 | 14.01.3329 |
|---|---|---|
| Monitor connection: | 1x DP F | 1x DP F |
| Keyboard/mouse connection: | 2x USB type B F | 2x USB type B F |
| PC monitor connection: | 2x DP F | 4x DP F |
| PC keyboard/mouse connection: | 2x USB type B F | 4x USB type B F |
| Dimensions (WxDxH): | 40 x 125 x 70 mm | 44 x 220 x 130 mm |
| Max. resolution (nominal) | 1920 x 1200 | 1920 x 1200 |
| Dimensions (HxWxD) | 40 x 125 x 70 mm | 44 x 220 x 130 mm |

| | Order-No. – P.U. |
|---|---|
| ROLINE KVM Switch, 1 User - 2 PCs, DisplayPort, with USB Hub | 14.01.3327 – 4 |
| ROLINE KVM Switch, 1 User - 4 PCs, DisplayPort, with USB Hub | 14.01.3329 – 1 |

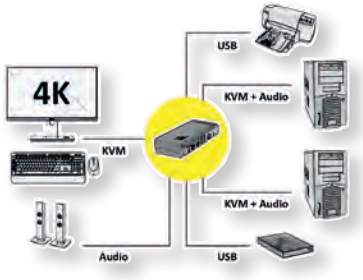
## ROLINE KVM Switch, 1 User - 2 PCs, DisplayPort, with 2x USB3.0 Hub

4K | 2160p UHD-1

**Automatic DisplayPort v1.2 KVM Switch for 1 User / 2 PCs, with 2-Port USB 3.0 / USB 3.2 Gen 1 Hub and resolutions of up to 4096x2160 @60Hz!**

- Switching between PCs is done either by hot key or automatically during scan run
- Keyboard and mouse emulation via two separate USB 2.0 ports
- Supports graphics cards and monitors with DisplayPort connectors, with a resolution of max. 4096x2160 @60Hz
- LED display informs about the channel assignment
- Additional 2-port USB 3.0 / USB 3.2 Gen 1 hub for connecting e.g. USB sticks or SSDs
- Contents: KVM switch, power supply, manual

Note: According to the current specifications of USB.org we have adapted the technical data of our USB 3 products. The new designation for the already known USB specifications has been changed to USB 3.2 Gen 1 (formerly USB 3.0 / USB 3.1 Gen 1) and USB 3.2 Gen 2 (formerly USB 3.1 / USB 3.1 Gen 2).





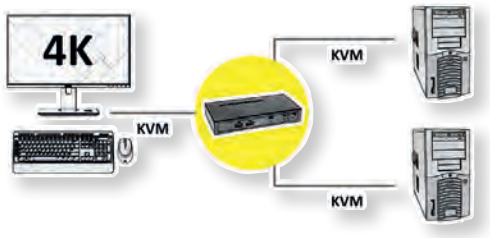

| | Order-No. – P.U. |
|---|---|
| ROLINE KVM Switch, 1 User - 2 PCs, DisplayPort, with USB Hub | 14.01.3331 – 2 |

## ROLINE KVM Switch, 2 PCs, HDMI 4K, USB

3D capable | 4K | 2160p UHD-1

**2-Port HDMI KVM Switch to control two computers with only one mouse, one keyboard and one screen - with a resolution of up to 3840x2160 @60Hz!**

With this very small KVM switch two computers can be operated with a USB mouse, a USB keyboard and a monitor.
- Switching between the PCs is done via Hot Key on the keyboard or via Select Button on the KVM.
- LED display informs about the channel assignment
- Max. Resolution: 3840x2160 @60Hz
- Non-slip rubber feet and solid metal housing
- Contents:KVM Switch, power supply unit, operating instructions







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| | Order-No. – P.U. |
|---|---|
| ROLINE KVM Switch, 2 PCs, HDMI 4K, USB | 14.01.3424 – 5 |

## VALUE KVM Extender over Cat. 5, VGA, USB

**USB KVM extender allows access to a computer system from up to 150 meters away from a remote USB console (USB keyboard, monitor and USB mouse).**

- USB KVM extender allows access to a computer system from up to 150 meters away from a remote USB console (USB keyboard, mouse and VGA monitor)
- One Cat.5e cable connects the local and remote unit- up to 150 m away
- Dual console operation- control your system from both the local and remote console
- Max. video resolution (nominal): 1280 x 1024
- Auto resolution of the active console
- Supports VGA, SVGA
- Local monitor supports DDC, DDC2, DDC2B
- Casing: Metal
- Contents: Local unit, remote unit, 2x power adapters, USB KVM cable, manual










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| Technical data: | 14.99.3328 | |
|---|---|---|
| Cable length (nominal): | up to 150 m | |
| Max. resolution (nominal): | 1280 x 1024 (depends on cable length) | |
| Cable type: | Cat.5e TP cable | |
| Power supply: | 5 VDC, 1 A | |
| Dimensions (WxDxH): | 82 x 25 x 13 mm | |
| Connectors: | **remote unit** | **local unit** |
| Monitor: | 1x HD 15-pin F | 1x HD 15-pin F |
| Mouse/keyboard: | 2x USB type A F | 2x USB type A F |
| PC connection: | 1x HD 15-pin F | 1x HD 15-pin F |

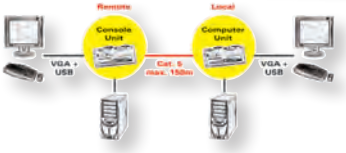
| | Order-No. – P.U. |
|---|---|
| VALUE VGA KVM Extender over RJ-45, USB | 14.99.3328 – 5 |

## ROLINE Smart KVM Extender, VGA, USB

**Smart combination of KVM Extender, KVM Switch and PC Share**
- Remotely locates the keyboard, mouse and monitor up to 150 m away from a computer
- Connection of the Computer Unit and Station Unit via Cat. 5e TP cable
- Supports USB consoles
- Video compensation can be adjusted by hot key to ensure the optimum signal quality for any length of cable within the limit
- Locates the computer away from your desk and work area, saving you valuable space
- Allows two users to share one computer both in local and remote areas
- Beeps confirmation for key control makes the operation easier and cross-checked
- Easy installation
- Supports standard USB keyboards and mice
- Compatible with XGA, VGA and SVGA system
- Contents: Local unit with power supply unit, remote unit, manual

**Example of use:** ROLINE KVM extension for remote operation of a workplace. The system provides a local, and a remote unit to connect another console. This can be operated via a Cat5 cable with remote VGA and USB control unit. Up to 150 m away from the PC, the console can be placed in convenient access while the PC is installed themselves in a safe environment.






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| Technical Data: | 14.01.3249 | |
|---|---|---|
| Max resolution (nominal): | 1024 x 768 | (depends on cable length) |
| Cable type: | Cat.5e TP cable | (recommended: solid wire AWG24) |
| Cable length: | up 150 m | |
| Power supply for local unit: | 9V DC, 600mA | |
| Dimensions (each WxDxH): | 156 x 65 x 20 mm | |
| Connections: | **Local Unit** | **Remote Unit** |
| Monitor: | 1x HD15 F | 1x HD15 F |
| Mouse/keyboard: | 1x USB F | 1x USB F |
| PC connection: | 1x SPHD15 F | 1x SPHD15 F |

| | Order-No. – P.U. |
|---|---|
| ROLINE Smart KVM Extender, VGA, USB | 14.01.3249 – 6 |

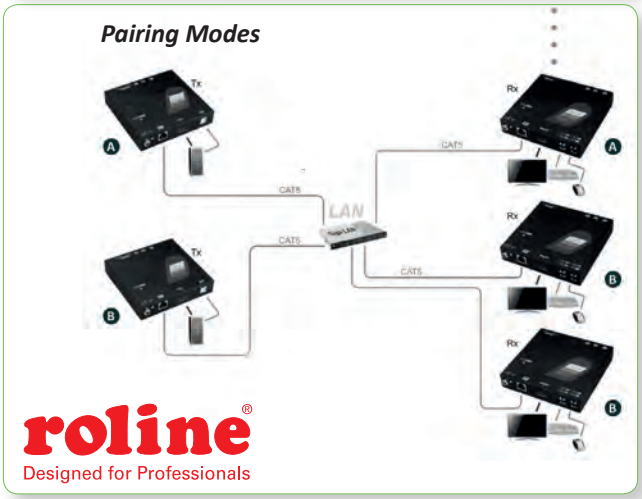
## ROLINE KVM Extender over Gigabit Ethernet, DVI, USB

**KVM extension over Gigabit Ethernet through Cat.5 connection**
- Supports DVI with high resolution video up to 1920 x 1200 (WUXGA), 1920 x 1080 (Full HD)
- Supports USB PC or KVM switch
- Ideal for professional video applications
- 8 selections on the DIP rotary switch available for pairing
- Up to 4 pairings can be transmitted simultaneously over the Gigabit Ethernet switch (max. 3 stages)
- Stable, metal housing
- Power supply via an external power supply
- Correspondent receiver unit: 14.01.3045



**Technical specifications:**
- Max resolution (nominal): 1920 x 1200 (WUXGA), 1920 x 1080 (Full HD)
- Dimensions: 31 x 131 x 150 mm
- Power supply: 12V DC; 1.5A
- Connectors: DVI Female, USB B connector female, RJ-45 socket (LAN)
- Contents: Transmitter unit, 1x power supply, patchcable, manual




**Technical data:**

| | | |
|---|---|---|
| Cable length (nominal): | up to 100 m | |
| Max. resolution (nominal): | 1920 x 1080 (depends on cable length) | |
| Cable type: | Cat.5e TP cable | |
| Power supply: | 12VDC; 1.5A | |
| Dimensions (HxWxD): | 30 x 132 x 150 mm | |
| Connectors: | **Receiver (remote unit)** | **Transmitter (local unit)** |
| Monitor: | 1x HDMI F | 1x HDMI F |
| Mouse/keyboard: | 4x USB Type A F | USB Type B F |

| | Order-No. – P.U. |
|---|---|
| ROLINE KVM Extender over Gigabit Ethernet, DVI, USB, Transmitter (TX) | 14.01.3044 – 4 |
| ROLINE KVM Extender over Gigabit Ethernet, DVI, USB, Receiver (RX) | 14.01.3045 – 4 |

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## ROLINE KVM Extender over Gigabit Ethernet, HDMI, USB

1080p FULL HD

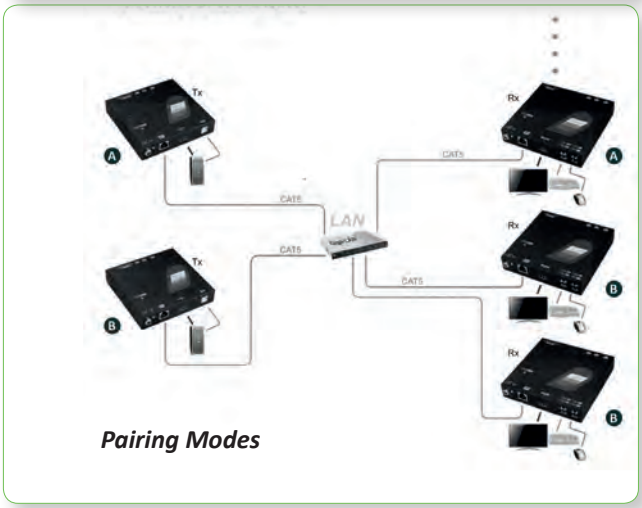
**KVM extension over Gigabit Ethernet through Cat.5 connection**
- Supports HDMI with high resolution video up to 1920 x 1080 (Full HD)
- Supports USB PC or KVM switch
- Ideal for professional video applications
- 8 selections on the DIP rotary switch available for pairing
- Up to 4 pairings can be transmitted simultaneously over the Gigabit Ethernet switch (max. 3 stages)
- HDCP-compliant
- No drivers needed or software required
- Stable, metal housing
- Correspondent receiver unit: 14.01.3043



**Technical specifications:**
- Max resolution (nominal): 1920 x 1080 (Full HD)
- Dimensions: 31 x 131 x 150 mm
- Power supply: 12V DC; 1.5A
- Connectors: HDMI jack, USB B connector, RJ-45 socket (LAN)
- Transmitter (TX) unit connectors: Monitor: 1x HDMI; 1x USB type B F; 1x RJ45
- Contents: Transmitter unit, power adapter, patch cable, CD with manual, Quick Start Guide

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**Technical data:**

| | | |
|---|---|---|
| Cable length (nominal): | up to 100 m | |
| Max. resolution (nominal): | 1920 x 1080 / 1920 x 1200 (WUXGA) (depends on cable length) | |
| Power supply: | 12VDC; 1.5A | |
| Dimensions (HxWxD): | 30 x 132 x 150 mm | |
| Connectors: | **Receiver (remote unit)** | **Transmitter (local unit)** |
| Monitor: | 1x DVI F | 1x DVI F |
| Mouse/keyboard: | 4x USB Type A F | 1x USB Type B F |
| Power supply output | DC 12V; 1,5A | DC 12V; 1,5A |

| | Order-No. – P.U. |
|---|---|
| ROLINE KVM Extender over Gigabit Ethernet, HDMI, USB, Transmitter (TX) | 14.01.3042 – 4 |
| ROLINE KVM Extender over Gigabit Ethernet, HDMI, USB, Receiver (RX) | 14.01.3043 – 4 |

## VALUE KVM Extender over Cat.6, HDMI, 4x USB

1080p FULL HD

**KVM extension over up to 60 m through the Cat.6 connection**

- Supports HDMI with high resolution video up to 1920 x 1080 (Full HD)
- Supports USB PC or KVM switch
- Ideal for professional video applications
- HDCP-compliant
- No drivers needed or software required
- Stable, metal housing
- Power supplied

- Receiver (RX) unit connectors: Monitor: 1x HDMI; 4x USB type A F; 1x Mini USB 5-pin F, 2x RJ45
- Transmitter (TX) unit connectors: Monitor: 1x HDMI; 2x Mini USB 5-pin F; 2x RJ45
- Contents: Transmitter unit, receiver unit, 2x power supply, manual






| Technical data: | 14.99.3041 |
|---|---|
| Cable length (nominal): | up to 60 m |
| Max. resolution (nominal): | 1920 x 1080 (depends on cable length) |
| Cable type: | Cat.6 TP cable |
| Power supply: | 5VDC; 1A |
| Dimensions (HxWxD): | 22 x 84 x 78 mm |

| Connectors: | Receiver (remote unit) | Transmitter (local unit) |
|---|---|---|
| Monitor: | 1x HDMI F | 1x HDMI F |
| Peripheral devices: | 4x USB Type A F | 1x USB Mini 5-pin F |

| | Order-No. – P.U. |
|---|---|
| VALUE KVM Extender over Cat.6, HDMI, 4x USB, 60 m | 14.99.3041 – 4 |

## VALUE Manual USB 2.0 Printer Switches

- This USB Switch offers the possibility for 2 PCs to share a single USB device such as a printer, scanner or digital camera
- Access to the USB device manually via button on the switch
- Supports USB 2.0
- Two LEDs indicate the active Port
- Bus-powered mode

- Contents: USB Switch






| Technical information | 14.99.5032 | 14.99.5034 |
|---|---|---|
| Input connections | 2x USB Type B | 4x USB Type B |
| Output connections | 1x USB Type A | 1x USB Type A |
| Dimensions (HxWxD) | 90 x 70 x 25 mm | 90 x 70 x 25 mm |

| | Order-No. – P.U. |
|---|---|
| VALUE Manual USB 2.0 Printer Switch, 2 Ports | 14.99.5032 – 10 |
| VALUE Manual USB 2.0 Printer Switch, 4 Ports | 14.99.5034 – 10 |

## VALUE Manual USB 3.2 Gen 1 Switch

**Manual USB 3.0 / USB 3.2 Gen 1 switch to access a USB device from different computers**

- To use a peripheral device such as a printer/scanner on two PCs without using a print server
- Also suitable for SSDs, USB sticks or other data carriers
- Supports USB 3.0 / USB 3.2 Gen 1 and therefore data transfer rates of up to 5Gbps
- The assignment of the PC to the device is done by a switch on the device.
- No additional power supply required
- Contents: Switch, manual





| | Order-No. – P.U. |
|---|---|
| VALUE Manual USB 3.2 Gen 1 Switch, 2 Ports | 14.99.2015 – 10 |

## ROLINE Manual USB 3.2 Gen 1 Switch

**Manual USB 3.0 / USB 3.2 Gen 1 switch for accessing a USB device from different computers. Excellent solution to share an USB device - as e. g. a printer, scanner, flash drive - between two PCs.**

- Compatible with USB 3.0 / USB 3.2 Gen 1
- Switch the USB device port between PCs via Push button or Hot Key
- USB Bus powered, no additional power adapter or wall outlet required
- Plug-and-Play, no software or drivers required
- LED indicator
- Supported Operating Systems: Windows 2000/ XP / Vista / 7 / 8, Mac OS 10.3 and higher
- Contents: Switch, manual





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| Technical information | 14.01.2325 |
|---|---|
| Input connections | 2x USB Type B |
| Output connections | 1x USB Type A |
| Dimensions (HxWxD) | - |

| | Order-No. | P.U. |
|---|---|---|
| ROLINE Manual USB 3.2 Gen 1 Switch, 2 Ports | 14.01.2325 | 10 |

## ROLINE USB 3.2 Gen 1 Peripheral Sharing Device, 4x USB 3.2 Gen 1 Ports

**Manual USB 3.0 / USB 3.2 Gen 1 switch to access four different USB devices from different computers**

- Enables 2/4 computers to share 4 USB 3.0 devices
- Simple port selection via remote port selector for a convenient switch placement
- USB 3.0 / USB 3.2 Gen 1 compliant, supp. data transfer rates of up to 5Gbps
- Backwards compatible with USB 2.0 and USB 1.1
- LEDs indicates which computer is active
- Over-current protection
- Multiplatform support – Windows (Vista/7/8/8.1/10) and Mac OS X 10.3+
- Bus-powered
- Micro USB power jack for additional power supply
- Hot pluggable, no additional driver or software required
- Contents: Switch, 2x/4x USB 3.0 cables (Type A/B, 1.1m), 1x remote port selector, manual








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| Technical information | 14.01.2312 | 14.01.2314 |
|---|---|---|
| Input connections | 2x USB Type B | 4x USB Type B |
| Output connections | 4x USB Type A | 4x USB Type A |

| | Order-No. | P.U. |
|---|---|---|
| ROLINE USB 3.2 Gen 1 Sharing Device, 2 PCs, 4x USB 3.2 Gen 1 Ports | 14.01.2312 | 3 |
| ROLINE USB 3.2 Gen 1 Sharing Device, 4 PCs, 4x USB 3.2 Gen 1 Ports | 14.01.2314 | 3 |

## VALUE USB 2.0 Notebook Hub, 4 Ports

- This hub can connect up to four USB devices
- Compact and nice design with attached USB cable
- Fully backwards compatible with USB 1.1
- Automatically switches to the highest speed supported by the connected device
- LED display for power and port-status
- Power is supplied by PC interface
- Contents: Hub, attached USB cable (3 cm)

**Technical data:**

| | |
|---|---|
| PC connection: | 1x USB type A (attached cable) |
| Input: | 4x USB type A |
| Dimensions (WxDxH): | 90 x 44 x 14 mm |
| Power supply (for 14.99.5016): | 5 VDC, 2 A |

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| | Order-No. | P.U. |
|---|---|---|
| VALUE USB 2.0 Notebook Hub, 4 Ports | 14.99.5015 | 10 |
| VALUE USB 2.0 Notebook Hub, 4 Ports, with power supply | 14.99.5016 | 20 |

## ROLINE USB 2.0 Hub, with Repeater

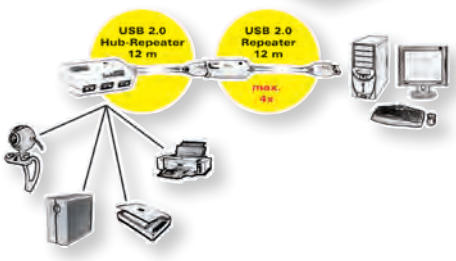
**This hub with an active repeater cable extends the distance between the hub and the computer up to 12 m.**

- Active extension of USB 2.0 bus
- The extension acts like a USB hub with 12 m cable
- Full compliance with USB 2.0, USB 1.1
- Plug & play, no additional drivers required
- Power over USB port from the PC
- Additional extension: With its unique design, this hub can lock to USB 2.0 active repeater cable 12.04.1086 by clipping- which offers another 12 m of length. With up to 5 of this hub & repeater cables chained together, you can reach a maximum distance of up to 60 m. The active repeater cable 12.04.1086 is only compatible with 12.04.1085 and can't be separately used.










| Technical information | 12.04.1085 | 12.04.1086 |
|---|---|---|
| Side A connection (PC) | 1x USB Type A Male | Type A Male |
| Side B connection (Peripherals) | 4x USB Type A Female | Type A Female |
| Length | 12 m | 12 m |

| | Order-No. | P.U. |
|---|---|---|
| ROLINE USB 2.0 Hub, 4 Ports, with Repeater, 12.0 m | 12.04.1085 | 10 |
| ROLINE USB 2.0 Active Repeater Cable for 12.04.1085, 12.0 m | 12.04.1086 | 10 |

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## ROLINE USB Hubs „Black and White“

- These hubs allow you to connect up to 4/7 USB peripheral devices to your computer or notebook over one USB port
- Stylish „Black and White“ design and compact size
- USB 2.0, compatible with USB 1.1
- Power LED
- Plug & play
- Bus-power and self-power mode (power supply included)
- **14.02.5011:** stand for upstanding or flat mounting included
- **Contents:** Hub, power supply, USB 2.0 cable, manual

**Remark 11.02.8849:**
- Special USB connection cable for the ROLINE hubs 14.02.5011
- For the connection between the hub (14.02.5011) and a USB device (e.g. printer, scanner, ...)

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| **Technical data:** | **14.02.5013** | **14.02.5011** | **14.02.5027** | **14.02.5028** |
|---|---|---|---|---|
| PC connection: | 1x USB 2.0 5-Pin Mini | 1x USB 2.0 Type B | 1x USB 3 Type B | 1x USB 3 Micro B |
| Input: | 4x USB 2.0 Type A | 7x USB 2.0 Type A | 4x USB 3 Type A | 7x USB 3 Type A |
| Dimensions (WxDxH): | 18 x 65 x 40 mm | 85 x 25 x 70 mm | 23 x 100 x 63 mm | 26 x 145 x 63 mm |

| | | Order-No. | – P.U. |
|---|---|---|---|
| ROLINE USB 2.0 Hub „Black and White“, 4 Ports, with Power Supply | A | 14.02.5013 | – 20 |
| ROLINE USB 2.0 Hub „Black & White“, 7 Ports, with Power Supply | B | 14.02.5011 | – 10 |
| ROLINE USB 2.0 Cable type A/B for USB Hub 14.02.5011, 12 m | | 11.02.8849 | – 5 |
| ROLINE USB 3.2 Gen 1 Hub „Black & White“, 4 Ports, with Power Supply | C | 14.02.5027 | – 10 |
| ROLINE USB 3.2 Gen 1 Hub „Black & White“, 7 Ports, with Power Supply | D | 14.02.5028 | – 5 |

## ROLINE USB 3.2 Gen 1 Hub with Repeater

**This hub with an active repeater cable extends the distance between the hub and the computer up to 10 m.**

- Active extension of USB 3.2 Gen 1 bus
- The extension acts like a USB hub with 10 m cable
- Full compliance with USB 2.0, USB 1.1
- Plug & play, no additional drivers required
- USB Bus powered
- Cascadable one time
- Power adapter (5V/3.5A, included) for heavy poweconsumption devices
- Compatible with Win XP / 7
- Contents: Cable





**Technical data:**
- Connectors: 1x USB type A M, 4x USB Type A F
- Cable length: 10 m
- Housing dimensions: 81 x 40 x 17 mm

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| | Order-No. | – P.U. |
|---|---|---|
| ROLINE USB 3.2 Gen 1 Hub, 4 Ports, with Repeater, 10.0 m | 12.04.1097 | – 4 |

## VALUE USB 3.2 Gen 1 Desktop Hubs

**These hubs can connect up to seven USB devices with SuperSpeed**

- 7x USB 3.2 Gen 1 Type A SuperSpeed ports
- Data transfer rates of up to 5.0 Gbit/s
- Fully backwards compatible with USB 2.0
- Hot-swappable
- Battery charger function
- Dimensions (HxWxD): 15 x 85 x 59 mm
- Power supply (5V, 2A/4A) included
- Colour: Black
- Contents: Hub, power supply, USB cable (1.1 m), manual



Value®

| **Technical data:** | **14.99.5047** |
|---|---|
| PC connection: | 1x USB 3 Micro Type B |
| Input: | 7x USB 3 Type A |
| Dimensions (HxWxD): | 15 x 85 x 59 mm |
| Power supply: | 5V 4A |

| | Order-No. | – P.U. |
|---|---|---|
| VALUE USB 3.2 Gen 1 Desktop Hub, 7 Ports, with Power Supply | 14.99.5047 | – 5 |

## ROLINE USB 3.2 Gen 1 Hub

**This hub can connect up to four USB devices with SuperSpeed**

- Data transfer rates of up to 5 Gbit/s
- Fully backwards compatible with USB 2.0, USB 1.1
- PC connection: 1x USB 3 Type B
- Input: 4 USB 3 Type A SuperSpeed ports
- LED status indicator for each port
- Hot-swappable
- Colour: Black
- Contents: Hub, power supply, USB cable

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**Technical data:**

| | |
|---|---|
| PC connection: | 1x USB 3 Type B |
| Input: | 4x USB 3 Type A |
| Dimensions (HxWxD): | 24 x 95 x 55 mm |
| Power supply: | 5V 4A |

| | Order-No. | – P.U. |
|---|---|---|
| ROLINE USB 3.2 Gen 1 Hub, 4 Ports, with Power Supply | 14.02.5015 | – 10 |

## ROLINE USB 3.2 Gen 1 Hub

**This hub can connect up to four USB devices with SuperSpeed**

- Data transfer rates of up to 5 Gbit/s
- Fully backwards compatible with USB 2.0, USB 1.1
- PC connection: 1x USB 3 Type B
- Input: 4 USB 3 Type A SuperSpeed ports
- Hot-swappable
- Colour: White
- Contents: Hub, power supply, USB cable

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**Technical data:**

| | |
|---|---|
| PC connection: | 1x USB 3 Type A |
| Input: | 4x USB 3 Type A |
| Dimensions (HxWxD): | 22 x 84 x 51 mm |
| Power supply: | 5V 4A |

| | Order-No. | – P.U. |
|---|---|---|
| ROLINE USB 3.2 Gen 1 Hub, 4 Ports, with Power Supply | 14.02.5040 | – 5 |

## ROLINE USB 2.0 Notebook Hub, Type A+C Connection Cable

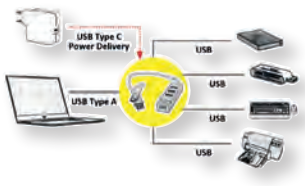
**4-Port USB 2.0 Notebook Hub with Type A+C connection cable for data and power supply.**

- This hub can connect up to four USB devices via USB type A or C
- Compact and nice design with attached USB cable
- Fully backwards compatible with USB 1.1
- Automatically switches to the highest speed supported by the connected device
- LED display for power
- Power is supplied by PC interface or main adapter (A or C port)
- Contents: Hub, attached USB cable (30 cm Type A)

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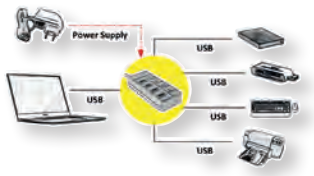




| | Order-No. | – P.U. |
|---|---|---|
| ROLINE USB 2.0 Notebook Hub, 4 Ports, Type A+C Connection Cable | 14.02.5037 | – 10 |

## ROLINE USB 3.2 Gen 1 Hub, 4 / 7 Ports, Switchable

- Data transfer rates of up to 5 Gbit/s
- Fully backwards compatible with USB 2.0, USB 1.1
- PC connection: 1x USB 3.0 Type A
- Input: 4 USB 3.0 Type A SuperSpeed ports
- LED status indicator for each port
- Hot-swappable
- Individual power switch and blue LED indicators controlling each port.
- Supports auto switching between self-power and bus-power mode
- Colour: Black
- Contents: Hub, power supply, USB 3.0 cable

Note: According to the current specifications of USB.org we have adapted the technical data of our USB 3 products. The new designation for the already known USB specifications has been changed to USB 3.2 Gen 1 (formerly USB 3.0 / USB 3.1 Gen 1) and USB 3.2 Gen 2 (formerly USB 3.1 / USB 3.1 Gen 2).






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| | Order-No. – P.U. |
|---|---|
| ROLINE USB 3.2 Gen 1 Hub, 4 Ports, Switchable | 14.02.5046 – 10 |
| ROLINE USB 3.2 Gen 1 Hub, 7 Ports, Switchable | 14.02.5047 – 10 |

## VALUE USB 3.2 Gen 1 Hub, 4 Ports, Type C Connection Cable

**With this hub up to four USB 3.0 / USB 3.2 Gen 1 peripheral devices can be connected to the USB Type C port of a PC.**

- Fixed USB cable with type C connector for host connection
- Four USB Type A ports for connecting peripheral devices
- One Port USB Type C PD (Power Delivery) to charge your MacBook, Ultrabook or mobile devices (only 14.99.5038)
- Data transfer rates of up to 5 Gbps (USB 3.0 / USB 3.2 Gen 1)
- Automatic determination of the optimal transmission rate
- Dark grey aluminium housing
- Contents: Hub

Value

Note: According to the current specifications of USB.org we have adapted the technical data of our USB 3 products. The new designation for the already known USB specifications has been changed to USB 3.2 Gen 1 (formerly USB 3.0 / USB 3.1 Gen 1) and USB 3.2 Gen 2 (formerly USB 3.1 / USB 3.1 Gen 2).







| | Order-No. – P.U. |
|---|---|
| VALUE USB 3.2 Gen 1 Hub, 4 Ports, Type C Connection Cable, with (PD) | 14.99.5038 – 10 |
| VALUE USB 3.2 Gen 1 Hub, 4 Ports, Type C Connection Cable | 14.99.5039 – 10 |

## VALUE USB 3.2 Gen 1 Hub, 7 Ports, Type C Connection Cable, with Power Supply

**With this USB 3.0 / USB 3.2 Gen 1 Hub up to seven USB peripheral devices can be connected to the USB port of a PC.**
This hub can connect up to 7 USB 3.0 / USB 3.2 Gen 1 devices to a USB Type C port

- Data transfer rates of up to 5 Gbit/s
- LED status indicator
- Hot-swappable
- Colour: Black
- Contents: Hub, power supply, USB3.2 Gen1 cable

Value

Note: According to the current specifications of USB.org we have adapted the technical data of our USB 3 products. The new designation for the already known USB specifications has been changed to USB 3.2 Gen 1 (formerly USB 3.0 / USB 3.1 Gen 1) and USB 3.2 Gen 2 (formerly USB 3.1 / USB 3.1 Gen 2).




| | Order-No. – P.U. |
|---|---|
| VALUE USB 3.2 Gen 1 Hub, 7 Ports, Type C Connection Cable, with Power Supply | 14.99.5040 – 10 |

## ROLINE USB 3.2 Gen 1 Hub, 3 / 4 Ports, Type C Connection Cable

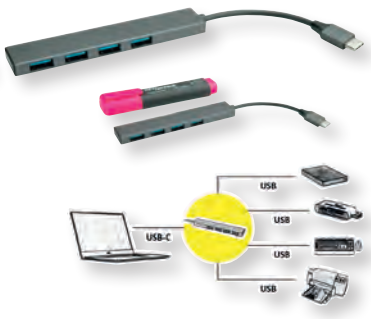
**3-Port USB 3.2 Gen 1 Slim Hub made of dark grey aluminium with USB Type C connection cable - for connecting up to three peripheral or storage devices to a tablet (like an Apple iPad Pro), Ultrabook, Notebook/Laptop or PC via USB Type C. Including a Card Reader for connecting a micro SD card.**

- 3-Port USB 3.2 Gen 1 Type A Hub with data rates up to 5GBit/s
- Suitable for Tablets, Macs/MacBooks, Ultrabooks, Notebooks/Laptops or PCs via USB Type C
- One Micro SD card reader port
- Suitable for peripherals such as keyboard, mouse and printer or for mass storage devices such as USB sticks and external hard drives
- Slim Hub with extremely small housing
- Dark grey aluminium housing
- Power supply via USB Type C
- Contents: Hub

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Note: According to the current specifications of USB.org we have adapted the technical data of our USB 3 products. The new designation for the already known USB specifications has been changed to USB 3.2 Gen 1 (formerly USB 3.0 / USB 3.1 Gen 1) and USB 3.2 Gen 2 (formerly USB 3.1 / USB 3.1 Gen 2).




| | Order-No. – P.U. |
|---|---|
| ROLINE USB3.2 Gen 1 Hub, 3 Ports, Type C Connection Cable, with Card Reader | 14.02.5051 – 10 |
| ROLINE USB3.2 Gen 1 Hub, 4 Ports, Type C Connection cable | 14.02.5052 – 10 |

## ROLINE USB 3.2 Gen 1 Hub, Type C Connection

**This ROLINE hub can connect up to four USB 3.2 Gen 1 devices (Type A) to a USB Type C port**

- Data transfer rates of up to 5 Gbit/s
- Fully backwards compatible with USB 2.0, USB 1.1
- LED status indicator for each port
- Hot-swappable
- Colour: Black
- Contents: Hub, power supply, USB cable





| Technical information | 14.02.5035 |
|---|---|
| PC connection | 1x USB Type C |
| Device connection | 4x USB Type A |
| Dimensions (HxWxD) | 15 x 90 x 40 mm |

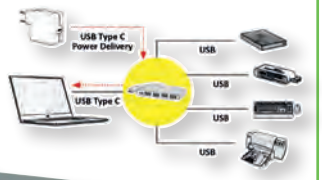
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| | Order-No. | P.U. |
|---|---|---|
| ROLINE USB 3.2 Gen 1 Hub, 4 Ports, Type C Connection, with Power Supply | 14.02.5035 | 5 |

## ROLINE USB 3.2 Gen 1 Hub, Type C Connection, with PD

**This ROLINE hub can connect up to four USB 3.2 Gen 1 devices (Type A) to a USB Type C port and has 1 additional Type C Power Delivery port (1x PD)**

- Data transfer rates of up to 5 Gbit/s
- Fully backwards compatible with USB 2.0, USB 1.1
- Hot-swappable
- Colour: silver
- Contents: Hub






| Technical information | 14.02.5045 |
|---|---|
| PC connection | 1x USB Type C |
| Device connection | 4x USB Type A |
| Dimensions (HxWxD) | 11 x 94 x 181 mm |

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| | Order-No. | P.U. |
|---|---|---|
| ROLINE USB 3.2 Gen 1 Hub, 4 Ports, Type C Connection, w. Power Delivery (PD) | 14.02.5045 | 10 |

## ROLINE USB 3.2 Gen 1 Hub, Type C Connection Cable

**This ROLINE hub can connect up to four USB 3.2 Gen 1 devices (Type A) to a USB Type C port**

- Data transfer rates of up to 5 Gbit/s
- Fully backwards compatible with USB 2.0, USB 1.1
- LED status indicator for each port
- Hot-swappable
- USB Micro B connector for optional power supply via power supply unit
- Dimensions: 11 x Ø 60 x 200 mm
- Colour: silver
- Contents: Hub, power supply, USB cable





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| | Order-No. | P.U. |
|---|---|---|
| ROLINE USB 3.2 Gen 1 Hub, 4 Ports, Type C Connection Cable | 14.02.5036 | 10 |

## ROLINE USB 3.2 Gen 1 Hub, 4 Ports (3x USB A + 1x C), PD+Data

**3-Port USB 3.2 Gen 1 Hub with USB Type C connection cable and additional USB Type C PD (Power Delivery) Port for MacBook, Ultrabook, Notebook/ Laptop or PC with USB Type C.**

- This hub can connect up to three USB 3.2 Gen 1 devices (Type A) to a USB Type C port
- Data transfer rates of up to 5 Gbit/s
- USB Type C PD (Power Delivery) for up to 100W of power transmission to your connected device
- Fully backwards compatible with USB 2.0, USB 1.1
- Hot-swappable
- Contents: Hub

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| | Order-No. | P.U. |
|---|---|---|
| ROLINE USB 3.2 Gen 1 Hub, 4 Ports (3x USB A + 1x C), PD+Data | 14.02.5038 | 10 |

## VALUE USB 3.2 Gen 1 to Gigabit Ethernet Converter + 3x USB Hub

**This converter is a cost effective solution to convert a USB 3.2 Gen 1 port type C into a 10/100/1000Base-T Ethernet port**

- Supports 10/100/1000 Mbit/s auto-sensing capability
- Supports USB 3.2 Gen 1
- Bus powered
- Supports both full-duplex and half-duplex operation in Gigabit Ethernet
- Hub function, 3x
- Supports Windows XP/7/8, Mac OS X
- Contents: Converter






Value®

| | Order-No. | P.U. |
|---|---|---|
| VALUE USB 3.2 Gen 1 to Gigabit Eth. Converter + 3x USB Hub | 12.99.1109 | 10 |

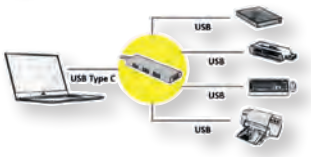
## ROLINE GOLD USB 3.2 Gen 1 Hub, 4 Ports, Type C Connection Cable

**ROLINE GOLD USB 3.0 / USB 3.2 Gen 1 Hub with 4 ports and data transfer rates up to 5Gbit/s! Eye-catching, high-quality design thanks to the golden aluminium housing and the black/ golden nylon sheathed cable.**

- 4-Port USB 3.0 / USB 3.2 Gen 1 Hub
- Data transfer rates of up to 5 Gbps
- Narrow, flat design
- Golden aluminium case
- Black/golden nylon braid around the cable
- Golden shield plates and contacts
- Contents: Hub

Note:
According to the current specifications of USB.org we have adapted the technical data of our USB 3 products. The new designation for the already known USB specifications has been changed to USB 3.2 Gen 1 (formerly USB 3.0 / USB 3.1 Gen 1) and USB 3.2 Gen 2 (formerly USB 3.1 / USB 3.1 Gen 2).






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| | Order-No. | P.U. |
|---|---|---|
| ROLINE GOLD USB 3.2 Gen 1 Hub, 4 Ports, Type C Connection Cable | 14.02.5039 | 5 |



# Computer Cables / Connectors / Adapters

3


ROLINE- THE difference . . . . . 3.02 – 3.03
USB Cables . . . . . 3.04 – 3.12, 3.26, 3.27
USB Extenders . . . . . 3.08, 3.09, 3.10
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Printer Cables, parallel . . . . . 3.14
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Adapters / Converters . . . . . 3.51 – 3.56

## ROLINE – Quality is the Difference!

**ROLINE products are developed for professional users and differ considerably in their quality from comparable products in the IT environment. Their high compatibility in combination with other devices is excellent.**

**ROLINE sets standards for high-quality, practical, user-friendly products, suitable for continuous use at a reasonable price.**

**ROLINE products comply with EU standards and directives such as CE, ErP, RoHS and REACH. The specifications and defaults of the various standards and technologies are strictly adhered, too.**

**The difference between ROLINE and cheap standard products is exemplified in the following product categories.**

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**Well Shielded ROLINE Cable**



**Bad Shielded Cheap Cable**



## ROLINE GOLD – for the most demanding Requirements

**ROLINE GOLD products combine the outstanding ROLINE quality with a golden shell, an exceptional design and a protective cotton sheath around the cable.**

**They also provide metal plugs and gilded contacts to ensure the best possible connection between your devices.**

roline® GOLD

## USB Cables: Facts and Comparison

**ROLINE USB Cables**
- The data wires meet **AWG[1] 28.**
- The power wires meet **AWG 24** - these wires are especially thick to protect the cable from overheating.
- The used material is **solid copper**, also called bare copper.
- The shielding consists of a foil screen and a tinned copper braid shield with a coverage of **more than 65%.**

**Influence of bad cables:**
- Data loss due to bad electrical characteristics of wire pairs.
- Already on short distances, the power supply of the connected devices is no longer assured, because of a too big ohmic resistance of the power wire.
- High susceptibility due to bad shield characteristics results in data loss and data transfer errors.

**Cheap USB Cables**
- The data wires meet **AWG 30 and worse.**
- The power wires meet **AWG 30 and worse**, which results in **potential fire hazard.**
- The used material is **CCA[2]**- solid aluminium covered with a thin copper coating.
- The shielding consists of a foil screen and a braided shield composed of an alloy with a coverage of **less than 30% or completely without a shielding.**

**[1]:** American Wire Gauge- the cross section of the cable. The lower the AWG, the higher the cross section is.
A cable with a low AWG has a higher quality, than a cable with a large AWG.
**[2]:** CCA- Copper Clad Aluminium has a bigger ohmic resistance and therefore a power supply of the connected devices isn't assured even over short distances. Data loss and low data transfer rates because of bad electrical characteristics of each pair of wires is also a danger- this can't happen with high quality copper wires.

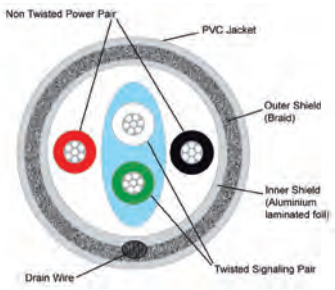
## USB Cables: Standards and Wires

**Power Delivery (PD)**
- Power delivery provides up to **100W (20V 5A)**
- PD is its own specification, which requires E-Mark chips in all components- through the E-Mark chip, a profile will automatically be chosen dependend on the maximum available capacity of the connected components.

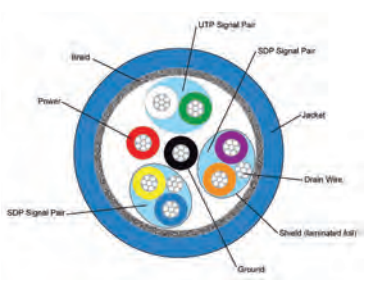
**USB 3.0, 3.2 Gen 1 and Gen 2**
- **USB 3.2 Gen 1** is former known as **USB 3.0**- both are identical based on their wires and protocols and have a data transmission rate of **up to 5Gb/s.** USB 3.0 has been reintroduced as 3.1 Gen 1 and now as USB 3.2 Gen 1, together with a new connector, the Type C. USB 3.2 Gen 1 is available for the USB connectors A, B, C and Micro A/B.
- **USB 3.2 Gen 2** is limited to the USB Type C connector only. It offers even more than USB 3.2 Gen 1, such as data transmission rates of **up to 10Gb/s** and the **full PD potential with up to 100W (20V 5A)** - those cables are **also called „Full-Featured" and are the state of the art, when it comes to USB Performance**. Both, USB 3.2 Gen 1 and USB 3.2 Gen 2 have identical wires and just differ from the used protocols.

**USB Type C Connector**
- USB Type C is the newest sort of USB connector and is available for the USB standards 2.0, 3.0 / 3.2 Gen 1 and 3.2 Gen 2.
- Thanks to the symmetrical construction, a reversible usage is possible, now. This is a significant improvement to the predecessors and allows a longer lifespan of the plugs.

**USB 2.0 Cable**




**USB 3.0/3.2 Cable**



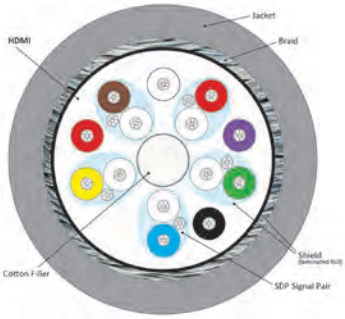

- The data transfer rate and PD function each depend on the USB specification and are not exclusively for the USB Type C plug.
- A Full-Featured USB 3.2 Gen 2 cable has to be with Type C connectors on both ends to grant both, the data transmission rate of 10Gb/s and the full PD functionality.

# HDMI and DisplayPort – Future-Proofed technology in up to 8K!

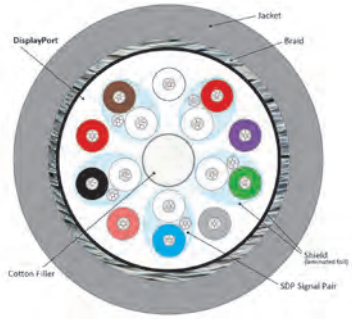
**HDMI** is the most common cable type nowaday used in the home user multimedia environment- the brands ROLINE and VALUE include a wide range of HDMI products, from HDMI High Speed (1920x1080 @60Hz) to one of the most future-proofed standards: HDMI Ultra HD with Ethernet, with resolutions of up to **7680x4320 @60Hz (8K)** and **HDR support** for an even more impressing color depth**.**

ROLINE Cables
- **Separately shielded twisted wire pairs**; Data wires meet at least **AWG 30**, but can go up to **AWG 24** – depending on the length of the cable.
- The used material is **solid copper.**
- The shielding consists of a **foil screen** and a **tinned copper braid** plus a **shielded connector housing.**
- The contacts of the connector are **gold plated.**

**HDMI Ultra HD + Ethernet**




**DisplayPort v1.4**




**DisplayPort** cables are as advanced as HDMI and available in ROLINE and VALUE from the first available version, v1.1 (1920x1080 @60Hz), to the newest one, v1.4. DisplayPort v1.4 offers the same maximum resolution as its HDMI equivalent, **7680x4320 @60Hz.** It's the identical wire as used for DP v1.3 (capable of 5k resolutions), but with an additional **Display Screen Compression**, and **HDR support**.

Cheap Cables
- There are **no twisted wire pairs** used; the data wires are **worse than AWG 30.**
- The used material is **CCS**[1] - solid steel covered with a thin copper coating.
- There is **no shield** for the single twisted wire pairs.
- The total shield consists of a foil screen and a braid shield with very low coverage, or the braid shield is **totally missing.**
- The contacts of the connector are **not gold plated** but – at best – gold touched.

Influence of bad cables:
- **No picture transmission already on short distances** due to bad electrical characteristics of the data wires.
- **High susceptibility** due to bad shield characteristics result in **interference of the picture transmission.**
- No more trouble-free contacting after a low number of contact durability, which causes **sporadical interruptions or complete malfunctions**.

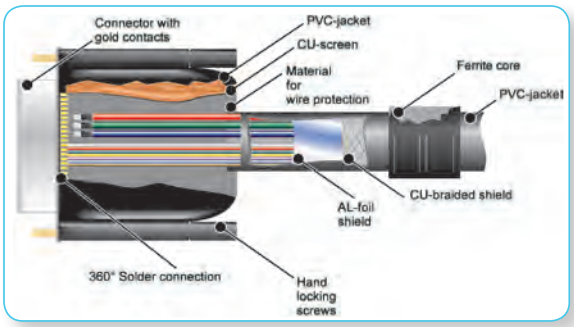
[1]: CCS- Copper Clad Steel is an even worse wire material than CCA (Copper Clad Aluminium), with the highest ohmic resistance. It's extremely rigid, which results in kinks even after slight bending of the cable, which will easily lead to data loss or total malfunctions.

# SVGA Cables

**ROLINE Cables**
- The RGB wires are coaxial cables with 75 Ohm.
- The data wires meet AWG 28 and there are – depending on the cable – 7 or 9 of them.
- The used material is solid copper.
- The shielding consists of a foil screen with drain wire and a tinned copper braid plus a shielded connector housing.
- The contacts of the connector are gold plated.

**Influence of bad cables:**
- **Very bad picture quality** already on short distances, because of bad electrical characteristics of the data wires and because of missing RGB coaxial wires.
- **No more syncronisation** is possible already on short distances, because the disturbance of the data signal by a too big ohmic resistor of the cable is becoming too strong.
- High susceptibility due to bad shield characteristics result in **interferences of the picture transmission.**
- After a low number of contact durability, trouble-free contacting is not possible anymore, which results in **interruptions or total malfunctions.**

**Cheap Cables**
- For the RGB signals, **no coaxial wires** are used.
- The data wires meet **AWG 30 and worse;** there are **max. 4** of them.
- The used material is **CCS** = solid steel covered with a thin copper coating.
- The shielding consists of a foil screen without a drain wire, braid shield is missing and the connector housings are not shielded.
- The contacts of the connector are **gold touched** in the best case.




# Patch Cords

**ROLINE Patch Cords**
- The cables **meet the norms of CAT.6 and CAT. 6a.** Some of them were even tested by the GHMT in Germany.
- The used material is **solid copper.**
- The RJ-45 connectors are assembled with **a solid gold plating for the best possible connectivity.**

**Cheap Patch Cords**
- The cables don't meet any norm and don't pass any legit test.
- The used material is **CCA**- solid aluminium covered with a thin copper coating.
- The RJ-45 connectors are **gold touched** in the best case**.**

**Influence of bad cables:**
- The normed bandwith of 250MHz for CAT. 6 and 500MHz for CAT. 6a **won't be reached at all.**
- After bending the cable several times, the nonelastic material leads to **interruption and data loss.**
- After a low number of contact durability, trouble-free contacting is not possible anymore, which results in **interruptions or total malfunctions.**

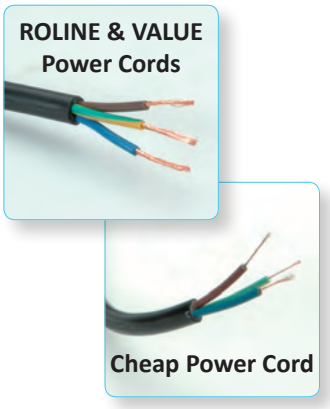



# Power Cords

**ROLINE & VALUE Power Cords**
- The wires meet a cross section of **at least 0.75 mm²** (standard size) in a length of up to 2m.
- The used material is **solid copper.**
- The cables **meet the guidelines and norms regarding the equipment safety.**

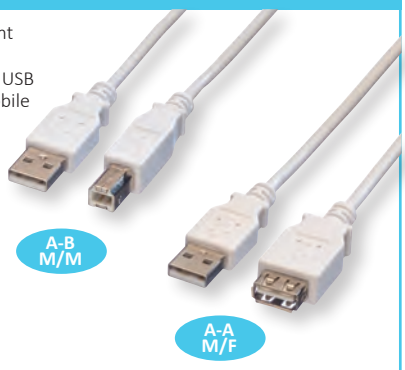
**Cheap Power Cords**
- The wires meet a cross section of **only 0.1 – 0.2 mm²** in a length of up to 2m.
- The cables do **not meet the guidelines and norms regarding the equipment safety**, because they are approved up to 10A but do only guarantee equipment safety for up to 1A at all.

**Influence of bad cables:**
- **There's a major risk of overheating and fire hazard as soon as the cheap cable is used with high-powered devices with more than 1A of power consumption.**



## VALUE USB 2.0 Cables

- High quality USB cable with different types of USB connector
- For the connection of devices with USB connector; e.g. digital cameras, mobile phones, MP3 players or PDAs
- Meets standard USB 2.0 (transfer rate up to 480 Mbit/s)
- Colour: white
- Type: A-B, A-A
- Length: 0.8 m
- Colour: white

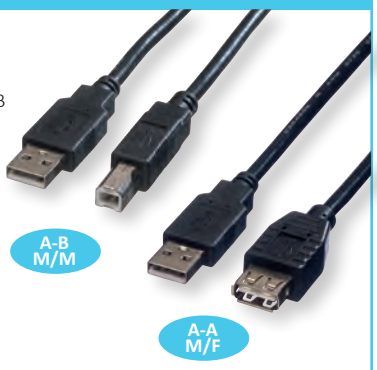



| | Order-No. | P.U. |
|---|---|---|
| VALUE USB 2.0 Cable, A - B, M/M, white, 0.8 m | 11.99.8809 | 50 |
| VALUE USB 2.0 Cable, A - B, M/M, white, 1.8 m | 11.99.8819 | 100 |
| VALUE USB 2.0 Cable, A - B, M/M, white, 3.0 m | 11.99.8831 | 100 |
| VALUE USB 2.0 Cable, A - B, M/M, white, 4.5 m | 11.99.8841 | 100 |
| VALUE USB 2.0 Cable, A - A, M/M, white, 0.8 m | 11.99.8909 | 50 |
| VALUE USB 2.0 Cable, A - A, M/M, white, 1.8 m | 11.99.8919 | 100 |
| VALUE USB 2.0 Cable, A - A, M/M, white, 3.0 m | 11.99.8931 | 100 |
| VALUE USB 2.0 Cable, A - A, M/M, white, 4.5 m | 11.99.8944 | 100 |
| VALUE USB 2.0 Cable, A - A, M/F, white, 0.8 m | 11.99.8946 | 50 |
| VALUE USB 2.0 Cable, A - A, M/F, white, 1.8 m | 11.99.8949 | 100 |
| VALUE USB 2.0 Cable, A - A, M/F, white, 3.0 m | 11.99.8961 | 100 |

## ROLINE USB 2.0 Cables

**High quality USB cable with one USB Type A and one USB Type B connector.**

- Improved shielding
- For the connection of devices with USB Type B connector; e.g. printer
- Meets standard USB 2.0 (transfer rate up to 480 Mbit/s)
- Colour: Black




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| | Order-No. | P.U. |
|---|---|---|
| ROLINE USB 2.0 Cable, A - B, M/M, black, 0.8 m | 11.02.8808 | 50 |
| ROLINE USB 2.0 Cable, A - B, M/M, black, 1.8 m | 11.02.8818 | 100 |
| ROLINE USB 2.0 Cable, A - B, M/M, black, 3.0 m | 11.02.8830 | 100 |
| ROLINE USB 2.0 Cable, A - B, M/M, black, 4.5 m | 11.02.8845 | 100 |
| ROLINE USB 2.0 Cable, A - A, M/M, black, 0.8 m | 11.02.8908 | 50 |
| ROLINE USB 2.0 Cable, A - A, M/M, black, 1.8 m | 11.02.8918 | 100 |
| ROLINE USB 2.0 Cable, A - A, M/M, black, 3.0 m | 11.02.8930 | 100 |
| ROLINE USB 2.0 Cable, A - A, M/M, black, 4.5 m | 11.02.8945 | 100 |
| ROLINE USB 2.0 Cable, A - A, M/F, black, 0.8 m | 11.02.8947 | 50 |
| ROLINE USB 2.0 Cable, A - A, M/F, black, 1.8 m | 11.02.8948 | 100 |
| ROLINE USB 2.0 Cable, A - A, M/F, black, 3.0 m | 11.02.8960 | 100 |

## VALUE USB 2.0 Cables, A - Micro B

- USB Cable with one Type A and one Micro B USB Connector
- Meets standard USB 2.0 (transfer rate up to 480 Mbit/s)
- Colour: white




| | Order-No. | P.U. |
|---|---|---|
| VALUE USB 2.0 Cable, A - Micro B, M/M, 0.15 m | 11.99.8751 | 50 |
| VALUE USB 2.0 Cable, A - Micro B, M/M, 0.8 m | 11.99.8754 | 10 |
| VALUE USB 2.0 Cable, A - Micro B, M/M, 1.8 m | 11.99.8752 | 10 |
| VALUE USB 2.0 Cable, A - Micro B, M/M, 3.0m | 11.99.8755 | 10 |
| VALUE USB 2.0 Cable, Micro A - Micro B, M/M, 1.8 m | 11.99.8753 | 10 |

## ROLINE USB 2.0 Cables, A - Micro B

**High quality USB cable with one Type A and one Micro USB connector.**

- Improved shielding
- For the connection of devices with Micro USB connector; e.g. digital cameras / DSLRs or mobile phones / smartphones
- Meets standard USB 2.0 (transfer rate up to 480 Mbit/s)
- Colour: black




| | Order-No. | P.U. |
|---|---|---|
| ROLINE USB 2.0 Cable, A - Micro B, M/M, 0.15 m | 11.02.8310 | 25 |
| ROLINE USB 2.0 Cable, A - Micro B, M/M, 0.8 m | 11.02.8754 | 10 |
| ROLINE USB 2.0 Cable, A - Micro B, M/M, 1.8 m | 11.02.8752 | 10 |
| ROLINE USB 2.0 Cable, A - Micro B, M/M, 3.0 m | 11.02.8755 | 10 |
| ROLINE USB 2.0 Cable, Micro A - Micro B, M/M, 1.8 m | 11.02.8753 | 10 |

## ROLINE USB 2.0 Flat Cables

**USB Flat Cable for connection of an USB peripheral device with the USB port of your PC**

- USB Type A-B cable
- Meets standard USB 2.0 (transfer rate up to 480 Mbps)
- Ultra light and flat, stable cable for use with notebooks
- Just hide it e.g. under the carpet
- Colour: black
- Length: 0.8m






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| | Order-No. | P.U. |
|---|---|---|
| ROLINE USB 2.0 Flat Cable, 0.8 m | 11.02.8867 | 10 |
| ROLINE USB 2.0 Flat Cable, 1.8 m | 11.02.8868 | 20 |

## ROLINE USB 2.0 Cables, A - Micro B

- High quality USB cable with one Type A and one Micro USB connector
- For the connection of devices with Micro USB connector; e.g. smartphones / mobile phones, digital cameras / DSLR or other equipment
- Meets standard USB 2.0 (transfer rate up to 480 Mbit/s)
- Elastic and very flexible
- Material: TPE (thermoplastic elastomer)
- Colour: black, white



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| | Order-No. | P.U. |
|---|---|---|
| ROLINE USB 2.0 Cable, A - Micro B, M/M, black, 1.0 m | 11.02.8760 | 10 |
| ROLINE USB 2.0 Cable, A - Micro B, M/M, white, 1.0 m | 11.02.8761 | 10 |
| ROLINE USB 2.0 Cable, A - Micro B, M/M, pink, 1.0 m | 11.02.8762 | 10 |

## VALUE USB 2.0 Cables, A - 5-Pin Mini

- USB cable with one Type A and one USB 5-pin Mini connector
- Meets standard USB 2.0 (transfer rate up to 480 Mbit/s)
- Colour: white



| | Order-No. | P.U. |
|---|---|---|
| VALUE USB 2.0 Cable, A - 5-Pin Mini, M/M, white, 0.8 m | 11.99.8708 | 10 |
| VALUE USB 2.0 Cable, A - 5-Pin Mini, M/M, white, 1.8 m | 11.99.8718 | 20 |
| VALUE USB 2.0 Cable, A - 5-Pin Mini, M/M, white, 3.0 m | 11.99.8730 | 10 |

## ROLINE USB 2.0 Cables, A - 5-Pin Mini

- USB cable with one Type A and one USB 5-pin Mini connector
- Meets standard USB 2.0 (transfer rate up to 480 Mbit/s)
- Colour: black



| | Order-No. | P.U. |
|---|---|---|
| ROLINE USB 2.0 Cable, A - 5-Pin Mini, M/M, black, 0.8 m | 11.02.8708 | 10 |
| ROLINE USB 2.0 Cable, A - 5-Pin Mini, M/M, black, 1.8 m | 11.02.8719 | 20 |
| ROLINE USB 2.0 Cable, A - 5-Pin Mini, M/M, black, 3.0 m | 11.02.8730 | 10 |

## VALUE Lightning to USB Cable for iPhone, iPod, iPad

- Using 8 pins instead of 30, Lightning is significantly more compact than the 30-pin dock connector and can be inserted with either side facing up
- For the connection of devices like the iPhone on from the iPhone 5 that introduced the Lightning connector, as well as for iPods and iPads on from that generation
- This product is only made for devices with Lightning connector! It is NOT compatible with cables and peripherals designed for its predecessor, unless used with an adapter.
- High quality USB cable with one Type A (male) and one Lightning connector
- Improved shielding
- Meets standard USB 2.0 (transfer rate up to 480 Mbit/s)
- Colour: black






Made for iPhone | iPad | iPod

| | Order-No. | P.U. |
|---|---|---|
| VALUE Lightning to USB Cable for iPhone, iPod, iPad, 0.15 m | 11.99.8326 | 20 |
| VALUE Lightning to USB Cable for iPhone, iPod, iPad, 1.0 m | 11.99.8321 | 20 |
| VALUE Lightning to USB Cable for iPhone, iPod, iPad, 1.8 m | 11.99.8322 | 20 |

## ROLINE Lightning to USB Cable for iPhone, iPod, iPad

- Using 8 pins instead of 30, Lightning is significantly more compact than the 30-pin dock connector and can be inserted with either side facing up
- For the connection of devices like the iPhone on from the iPhone 5 that introduced the Lightning connector, as well as for iPods and iPads on from that generation
- This product is only made for devices with Lightning connector! It is NOT compatible with cables and peripherals designed for its predecessor, unless used with an adapter.
- High quality USB cable with one Type A (male) and one Lightning connector
- Improved shielding
- Meets standard USB 2.0 (transfer rate up to 480 Mbit/s)
- Colour: white






Made for iPhone | iPad | iPod

| | Order-No. | P.U. |
|---|---|---|
| ROLINE Lightning to USB Cable for iPhone, iPod, iPad, white, 0.15 m | 11.02.8326 | 20 |
| ROLINE Lightning to USB Cable for iPhone, iPod, iPad, white, 1.0 m | 11.02.8321 | 20 |
| ROLINE Lightning to USB Cable for iPhone, iPod, iPad, white, 1.8 m | 11.02.8322 | 20 |

## ROLINE USB Type C Sync & Charge Cable for Apple Devices with Lightning Connector

**USB Type C sync & charging cable for Apple devices with Lightning plug - ideal for transferring data from iPhone/ iPad to Mac/MacBook!**

- USB Type C cable with MFI certified Apple Lightning connector for all newer iPhones and iPads (except iPad Pro)
- For connecting devices with Lightning jack to Mac/MacBook, PCs, Ultrabooks or other devices with USB Type C port
- Enables wired charging and data exchange
- Colour: white






Made for iPhone | iPad | iPod

| | Order-No. | P.U. |
|---|---|---|
| ROLINE USB Type C Sync & Charge Cable for Apple Devices with Lightning Connector, white, 1.0 m | 11.02.8323 | 10 |

## VALUE/ROLINE 8pin + MicroB to USB Charge & Sync Cable

- For the connection of devices like the iPhone on from the iPhone 5 that introduced the Lightning connector, as well as for iPods and iPads on from that generation
- This product is only made for devices with Lightning connector! It is NOT compatible with cables and peripherals designed for its predecessor, unless used with an adapter.
- Lighting and micro USB combo allows the cable to perform 2-in-1 functionality
- Connects to your iPhone, iPad, or iPod with Lightning Connector or Android smartphone and charges/syncs by connecting the USB connector into your wall charger or computer






Made for iPhone | iPad | iPod

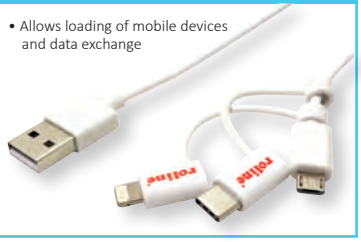
| | Order-No. | P.U. |
|---|---|---|
| VALUE 8pin + MicroB to USB Charge & Sync Cable, black, 1.0 m | 11.99.8325 | 10 |
| ROLINE 8pin + MicroB to USB Charge & Sync Cable, white, 1.0 m | 11.02.8325 | 10 |

## ROLINE 8pin + MicroB + Type C to USB Charge & Sync Cable

**Connect almost all popular smartphones or tablets via Apple Lightning, USB Type C or USB Micro B plug to e.g. your PC or charger - suitable for loading and for data transfers!**

- USB 2.0 cable with one USB Type A connector and one Apple Lightning (8pin), USB Micro B and USB Type C connector each
- For the connection of devices with Apple Lightning or Micro USB / USB Type C socket- so almost all common smartphones or tablets can be connected!
- With the revolutionary USB Type C connector you are prepared for future generations of devices.
- Complies with USB 2.0 standard (transmission up to 480 Mbit/s)
- Allows loading of mobile devices and data exchange



Made for iPhone | iPad | iPod

| | Order-No. | P.U. |
|---|---|---|
| ROLINE 8pin + MicroB + Type C to USB Charge & Sync Cable, white, 1.0 m | 11.02.8329 | 10 |

## ROLINE USB 2.0 Spiral Cable, A - Micro B

**High quality USB cable with one Type A and one Micro USB connector**
- Improved shielding
- For the connection of devices with Micro USB connector; e.g. smartphones / mobile phones or digital cameras / DSLR
- Meets standard USB 2.0 (transfer rate up to 480 Mbit/s)
- Colour: black



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| | Order-No. | – P.U. |
|---|---|---|
| ROLINE USB 2.0 Spiral Cable, A - Micro B, M/M, 1.0 m | 11.02.8317 | – 10 |

## ROLINE USB 2.0 Cable, reversible, A - Micro B

**High quality USB cable with one Type A and one Micro USB connector (both reversible)**
- For the connection of devices with Micro USB connector; e.g. smartphones / mobile phones or digital cameras / DSLR
- Meets standard USB 2.0 (transfer rate up to 480 Mbit/s)
- Colour: black



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| | Order-No. | – P.U. |
|---|---|---|
| ROLINE USB 2.0 Cable, reversible, A - Micro B, M/M, 1.0 m | 11.02.8765 | – 10 |

## VALUE/ROLINE USB 2.0 Cables, OTG

- High quality USB cable with one Type A (female) and one Micro B USB connector
- For the connection of devices with Micro USB connector; e.g. digital cameras, mobile phones, MP3 players or PDAs
- Not suitable for Samsung Galaxy S3 mini (GT-I8190)
- Meets standard USB 2.0 (transfer rate up to 480 Mbit/s)
- Colour: black

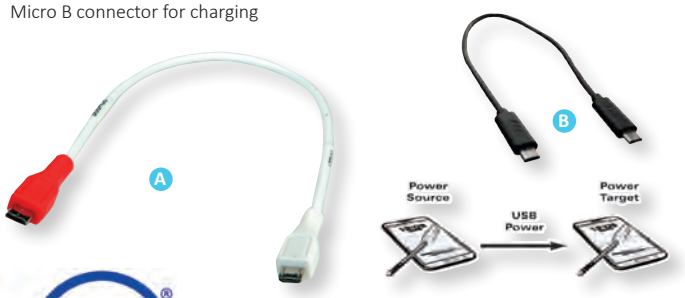



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| | Order-No. | – P.U. |
|---|---|---|
| VALUE USB 2.0 Cable, A - Micro B, F/M, OTG, 0.15 m | 11.99.8311 | – 100 |
| ROLINE USB 2.0 Cable, A - Micro B, F/M, OTG, 0.15 m | 11.02.8311 | – 25 |

## USB 2.0 Charging Cables, Micro B - Micro B

Charging cable for USB devices with USB Micro B connector
- To connect an USB device with USB Micro B to another device with USB Micro B connector for charging
- Only charging, no data transfer
- Not suitable for NOKIA or BLACKBERRY
- Color: white/black
- Length: 0,3m




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| | | Order-No. | – P.U. |
|---|---|---|---|
| VALUE USB 2.0 Charging Cable, Micro B - Micro B, M/M, 0.3m | A | 11.99.8307 | – 25 |
| ROLINE USB 2.0 Charging Cable, Micro B - Micro B, M/M, 0.3m | B | 11.02.8307 | – 10 |

## ROLINE USB 2.0 LED Charging Cable

- For Power Charging, Data Sync and Data Transfer
- LED lighting effect lets you know your device is charging (RED color while charging, continuous BLUE color when the charging process is finished)
- Supports data transfer- you can move music, pictures, videos and any other files to and from your device
- Cable design prevents kinks, knots or tangles in the cable
- Color: black




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| | Order-No. | – P.U. |
|---|---|---|
| ROLINE USB 2.0 LED Charging Cable, A - Micro B, M/M, 1.0 m | 11.02.8318 | – 10 |

## ROLINE USB 2.0 Cables, A - Micro B (reversible)

**High quality USB cable with one Type A and one reversible Micro USB connector.**
- Improved shielding
- For the connection of devices with Micro USB connector; e.g. smartphones / mobile phones or digital cameras / DSLR
- Meets standard USB 2.0 (transfer rate up to 480 Mbit/s)

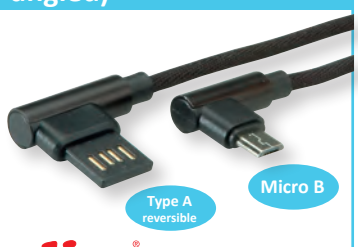



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| | Order-No. | – P.U. |
|---|---|---|
| ROLINE USB 2.0 Cable, A - Micro B (reversible), M/M, 0.8 m | 11.02.8770 | – 10 |
| ROLINE USB 2.0 Cable, A - Micro B (reversible), M/M, 1.8 m | 11.02.8771 | – 10 |
| ROLINE USB 2.0 Cable, A - Micro B (reversible), M/M, 3.0 m | 11.02.8772 | – 10 |

## ROLINE USB 2.0 Cables, A reversible - Micro B (90° angled)

**To connect smartphones, Tablets, external hard drives (HDD/SSD) and other USB devices to your PC, laptop or charger with USB Micro B connection - both connectors are angled!**
- Improved shielding
- For the connection of devices with Micro USB connector; e.g. smartphones / mobile phones or digital cameras / DSLR
- Meets standard USB 2.0 (transfer rate up to 480 Mbit/s)
- Special feature: 90° angled Micro B connector and reversible Type A connector
- Colour: black




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| | Order-No. | – P.U. |
|---|---|---|
| ROLINE USB 2.0 Cable, A reversible - Micro B (90° angled), M/M, 0.8 m | 11.02.8720 | – 10 |
| ROLINE USB 2.0 Cable, A reversible - Micro B (90° angled), M/M, 1.8 m | 11.02.8721 | – 10 |
| ROLINE USB 2.0 Cable, A reversible - Micro B (90° angled), M/M, 3.0 m | 11.02.8722 | – 10 |

## ROLINE USB 2.0 Cables, C - A

**For connecting smartphones or tablets with USB Type C connection to a wall charger or e.g. for connection of hard disks (HDD/SSD) and other end devices.**
- USB 2.0 connection cable with Type A to Type C male/male connector
- Suitable for data transfer rates of up to 480 Mbit/s
- Connectors: 1x USB Type A connector, 1x USB type C connector
- Color: silver/ black




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| | Order-No. – P.U. |
|---|---|
| ROLINE USB 2.0 Cable, C - A, M/M, black, 0.8 m | 11.02.9027 – 10 |
| ROLINE USB 2.0 Cable, C - A, M/M, black, 1.8 m | 11.02.9028 – 10 |
| ROLINE USB 2.0 Cable, C - A, M/M, black, 3.0 m | 11.02.9029 – 10 |

## ROLINE USB 2.0 Cables, C (90° angled) - A reversible

**To connect smartphones, Tablets, external hard drives (HDD/SSD) and other USB devices to your PC, laptop or charger with the new USB Type C connection - both connectors are angled!**
- USB 2.0 connection cable with Type A to Type C male/male connector (L-Shape, 90° angled)
- Suitable for data transfer rates of up to 480 Mbit/s
- Connectors: 1x USB Type A connector, 1x USB type C (L-Shape, 90° angled) connector
- Color: black

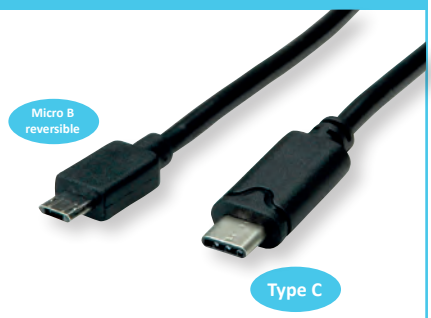



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| | Order-No. – P.U. |
|---|---|
| ROLINE USB 2.0 Cable, C (90° angled) - A reversible, M/M, black, 0.8 m | 11.02.9035 – 10 |
| ROLINE USB 2.0 Cable, C (90° angled) - A reversible, M/M, black, 1.8 m | 11.02.9036 – 10 |
| ROLINE USB 2.0 Cable, C (90° angled) - A reversible, M/M, black, 3.0 m | 11.02.9037 – 10 |

## ROLINE USB 2.0 Cables, C - Micro B (reversible)

**USB 2.0 Hi-Speed cable with high quality and improved shielding.**
- For the connection of devices with Micro USB connector; e.g. smartphones / mobile phones or digital cameras / DSLR
- Improved shielding
- Supports data transfer rates of up to 480 Mbit/s
- High quality USB cable with one Type C and one reversible Micro USB connector
- Meets standard USB 2.0 (transfer rate up to 480 Mbit/s)
- Colour: black




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| | Order-No. – P.U. |
|---|---|
| ROLINE USB 2.0 Cable, C - Micro B (reversible), M/M, black, 1.8 m | 11.02.8780 – 10 |
| ROLINE USB 2.0 Cable, C - Micro B (reversible), M/M, black, 3.0 m | 11.02.8781 – 10 |
| ROLINE USB 2.0 Cable, C - Micro B (reversible), M/M, black, 4.5 m | 11.02.8782 – 5 |

## ROLINE USB Type C (M) + Micro B (M) to USB A (M or F), OTG

**Multipurpose USB 2.0 cable**
- USB Type C and micro B combo allows the cable to perform 2-in-1 functionality
- Connect the cable to your Smartphone or tablet and charge your device by connecting the USB connector into your wall charger or transfer data by connecting it with your computer
- One end of the cable is equipped with a Micro USB B plug, alternatively through an attachment with a type C plug
- The second side of the cable has a type A plug, which can be converted into a type A socket by a side slider- and vice versa
- Supports OTG
- Complies with the standard USB 2.0 (transmission up to 480 Mbit/s)
- Colour: black

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| | Order-No. – P.U. |
|---|---|
| ROLINE USB Type C (M) + Micro B (M) to USB A (M or F), OTG, black, 1.0 m | 11.02.8327 – 10 |

## ROLINE Cable USB Micro B + Type C M/M to USB2.0 A M

**USB 2.0 cable with 2-in1 connector**
- USB Type C and Micro B combo allows the cable to perform 2-in-1 functionality
- Allows you to transfer data from your mobile device
- Connect the cable to your Smartphone or tablet and charge your device by connecting the USB connector into your wall charger or transfer data by connecting it with your computer
- The one end of the cable is equipped with a Micro USB B plug, alternatively by an attachment with a type C connector, the second side has a type A connector
- Complies with the standard USB 2.0 (transmission up to 480 Mbit/s)
- Color: black

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| | Order-No. – P.U. |
|---|---|
| ROLINE Cable USB Micro B + Type C M/M to USB2.0 A M, black, 1.0 m | 11.02.8328 – 10 |

## ROLINE USB 3.2 Gen 1 Cable, A-C

NEW

**ROLINE USB 3.0 / USB 3.2 Gen 1 silicone cable with data transfer rates of up to 5 Gbit/s. The silicone-sheathed flat cable not only looks great, but also allows extremely flexible usage thanks to its small bending radius.**

- USB 3.0 / USB 3.2 Gen 1 cable in high quality
- With USB Type C and a classic USB Type A plug
- Suitable for data transfer rates of up to 5 Gbit/s
- Rugged aluminum plugs and a flexible, flat silicone cable for optimal durability
- Type: A - C
- Length: 11 cm
- Colour: black

Note: According to the current specifications of USB.org we have adapted the technical data of our USB 3 products. The new designation for the already known USB specifications has been changed to USB 3.2 Gen 1 (formerly USB 3.0 / USB 3.1 Gen 1) and USB 3.2 Gen 2 (formerly USB 3.1 / USB 3.1 Gen 2).

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| | Order-No. – P.U. |
|---|---|
| ROLINE USB 3.2 Gen 1 Cable, A-C, M/M, black, 11 cm | 11.02.9014 – 10 |

## ROLINE USB 3.2 Gen 2 Cable, PD (Power Delivery) 20V3A, with Emark, C-C, M/M

**ROLINE USB 3.1 / USB 3.2 Gen 2 silicone cable with data transfer rates of up to 10 Gbit/s and support of PD (Power Delivery) at up to 20V3A. The silicone-sheathed flat cable not only looks great, but also allows extremely flexible use thanks to its small bending radius.**

- High quality USB 3.1 / USB 3.2 Gen 2 cable with improved shielding
- With the new reversible Type C connectors at both ends
- Gold-plated contacts for low wear at high plugging cycles
- Suitable for data transfer rates of up to 10 Gbit/s
- Supports USB Power Delivery to 20V / 3A

Note: According to the current specifications of USB.org we have adapted the technical data of our USB 3 products. The new designation for the already known USB specifications has been changed to USB 3.2 Gen 1 (formerly USB 3.0 / USB 3.1 Gen 1) and USB 3.2 Gen 2 (formerly USB 3.1 / USB 3.1 Gen 2).

NEW

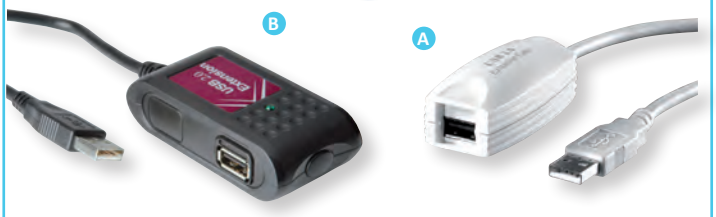


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| | Order-No. – P.U. |
|---|---|
| ROLINE USB 3.2 Gen 2 Cable, PD (Power Delivery) 20V3A, with Emark, C-C, M/M, black, 11 cm | 11.02.9054 – 10 |

## VALUE USB 2.0 Extension Cables

- Supports USB 2.0
- The cable extends the distance of a USB 2.0 device by 5 m
- Meets USB 2.0 specifications and works with low-speed, high-speed and full-speed devices
- Hot-pluggable
- Cable length: 5 m




| | | Order-No. – P.U. |
|---|---|---|
| VALUE USB 2.0 Extender, 1 Port, white, 5.0 m | A | 12.99.1100 – 10 |
| VALUE USB 2.0 Extender, 2 Ports, black, 5.0 m | B | 12.99.1089 – 10 |

## ROLINE USB 2.0 Extension Cables

- Supports USB 2.0
- The cable extends the distance of a USB 2.0 device by 5 m
- The cable acts as a single port hub, which means that multiple cables can be cascaded to increase the distance between your computer and USB 2.0 devices
- Meets USB 2.0 specifications and works with low-speed, high-speed and full-speed devices
- Hot-pluggable
- Contents: Cable

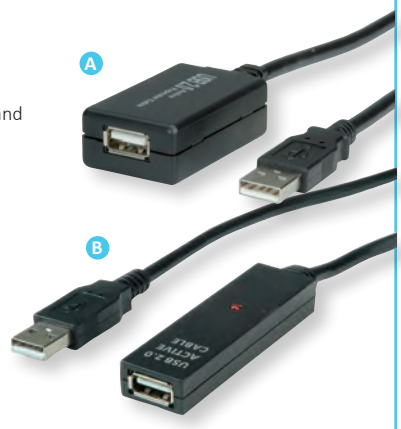
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| | | Order-No. – P.U. |
|---|---|---|
| ROLINE USB 2.0 Extension Cable, 1 Port, white, 5.0 m | A | 12.04.1088 – 10 |
| ROLINE USB 2.0 Extension Cable, 1 Port, black, 5.0 m | B | 12.04.1089 – 10 |

## VALUE USB 2.0 Extension Cables, Active

- Supports USB 2.0
- The cable extends the distance of a USB 2.0 device by 12 m / 30m
- Meets USB 2.0 specifications and works with low-speed, high-speed and full-speed devices
- Hot-pluggable
- Cable length: 12 m / 30m




| | | Order-No. – P.U. |
|---|---|---|
| VALUE USB 2.0 Extension Cable, active, with Repeater, 12.0 m | A | 12.99.1110 – 10 |
| VALUE USB 2.0 Extension Cable, active, with Repeater, 30.0 m | B | 12.99.1111 – 5 |

## ROLINE USB 2.0 Extension Cable, Active

- Active USB extension cable- ensures good signal quality to meet USB specifition, even over a distance of 15 meters
- Active USB extension cable
- Compliant with USB 2.0
- Supports data transfer rates of up to 480 Mbit/s
- Cable length: 15 m
- Connectors: USB type A M to USB type A F
- Hot-swappable, plug & play, no drivers required
- Power supply over USB port from the PC
- Supported operating systems: Windows 98SE / 2000 / XP / Vista / 7, Mac OS X
- Contents: Cable





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| | Order-No. – P.U. |
|---|---|
| ROLINE USB 2.0 Extension Cable, active, 15 m | 12.04.1091 – 5 |

## VALUE USB 2.0 Extension Cable, Active with Repeater, A - C

**Active USB 2.0 extension cable with Type C connector and Type A socket for connecting a MacBook/Ultrabook to an external hard disk (SSD/HDD) or a printer.**

- Supports USB 2.0
- The cable extends the distance of a USB 2.0 device by up to 20 m
- Meets USB 2.0 specifications and works with low-speed, high-speed and full-speed devices
- Hot-pluggable
- Cable length: 10 / 15 / 20 m



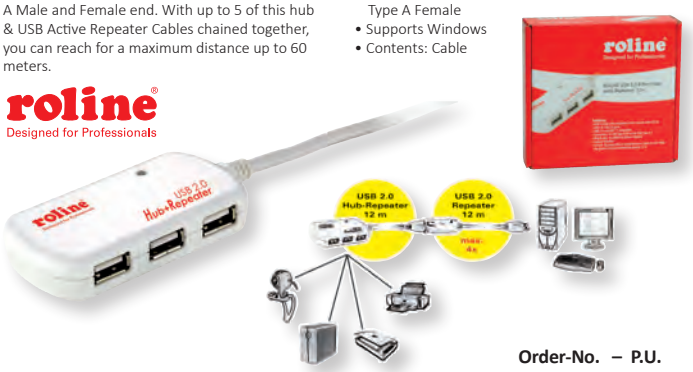

| | Order-No. – P.U. |
|---|---|
| VALUE USB 2.0 Extension Cable, Active with Repeater, A - C, 10 m | 12.99.1112 – 10 |
| VALUE USB 2.0 Extension Cable, Active with Repeater, A - C, 15 m | 12.99.1113 – 10 |
| VALUE USB 2.0 Extension Cable, Active with Repeater, A - C, 20 m | 12.99.1114 – 10 |

## ROLINE USB 2.0 Hub with Repeater

**This hub with an active repeater cable extends the distance between the hub and the computer up to 12 m.**
With its unique design, this hub can lock to USB 2.0 Active Repeater Cable 12.04.1086 by clipping- which offers another 12 m of length- between USB A Male and Female end. With up to 5 of this hub & USB Active Repeater Cables chained together, you can reach for a maximum distance up to 60 meters.

- 4x USB 2.0 ports
- Full compliance with USB 2.0 / 1.1 specification
- Plug & play. no additional drivers required
- Cable length: 12 m
- Housing dimensions: 81.7 x 41 x 16.7 mm
- Connectors: 1x USB Type A Male and 4x USB Type A Female
- Supports Windows
- Contents: Cable

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| | Order-No. | P.U. |
|---|---|---|
| ROLINE USB 2.0 Hub, 4 Ports, with Repeater, 12.0 m | 12.04.1085 | 10 |
| ROLINE USB 2.0 Active Repeater Cable for 12.04.1085, 12.0 m | 12.04.1086 | 10 |

## VALUE USB 1.1 Extender over RJ-45

- Allows you to extend the connection to a USB peripheral device up to 45 meters by using a Cat.5e/6 patch cable
- Applications: e.g. WEB camera, surveillance camera, scanner, printer
- Compliant with USB 1.1
- Supports full-speed (12 Mbit/s) or low-speed (1.5 Mbit/s) USB devices
- Supports Windows 98SE/2000/XP/Vista
- Contents: Master unit (RJ-45 Female; USB Type A Male with 10 cm cable), remote unit (RJ-45 Female; USB Type A Female with 10 cm cable)
- Contents: Master Unit, Remote Unit




Value

| | Order-No. | P.U. |
|---|---|---|
| VALUE USB 1.1 Extender over RJ-45 | 12.99.1121 | 10 |

## VALUE USB 2.0 Extender over RJ-45, max. 50m

**Use this USB 2.0 extender in combination with a RJ45 cable to extend your USB connection up to 50m!**

- Extend your USB port over RJ-45 (up to 50 meters)
- For example to connect an USB printer in another room with your PC
- Supports USB 2.0, downwards compatible with USB 1.1/1.0
- Hot plug
- No additional software for extender required
- Connection via Cat.5e/Cat. 6 Twisted Pair cable
- Transmitter: USB A Male connector/RJ-45, Receiver: USB A Female connector/ RJ-45
- Supports data rates up to 480Mbit/s
- Contents: Master unit (RJ-45 Female; USB Type A Male with 21 cm cable), remote unit (RJ-45 Female; USB Type A Female)



Value

| | Order-No. | P.U. |
|---|---|---|
| VALUE USB 2.0 Extender over RJ-45, max. 50m | 12.99.1122 | 5 |

## ROLINE USB 2.0 Extender over RJ-45, max. 50m

- Extend your USB port over RJ-45 (up to 50 meters)
- For example to connect an USB printer in another room with your PC
- Supports USB 2.0, downwards compatible with USB 1.1/1.0
- Hot plug
- No additional software for extender required
- Connection via Cat.5e/Cat. 6 Twisted Pair cable
- Supports data rates up to 480Mbit/s




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| | | Order-No. | P.U. |
|---|---|---|---|
| ROLINE USB 2.0 Extender over RJ-45, max. 50m | A | 12.04.1100 | 5 |
| ROLINE USB 2.0 Extender over RJ-45, PoC, 1x USB, max. 50m | B | 12.04.1102 | 4 |
| ROLINE USB 2.0 Extender over RJ-45, PoC, 4x USB, max. 50m | C | 12.04.1101 | 4 |

## ROLINE USB 3.2 Gen 1 Hub with Repeater

**This hub with an active repeater cable extends the distance between the hub and the computer up to 10 m.**

- 4x USB 3.2 Gen 1 ports
- Full compliance with USB 2.0 / 1.1 specification
- Plug & play. no additional drivers required
- USB Bus powered
- Cable length: 10 m
- Housing dimensions: 81 x 40 x 17 mm
- Connectors: 1x USB Type A Male and 4x USB Type A Female
- Supports Windows XP / 7
- Power adapter (5V/3.5A, included) for heavy poweconsumption devices
- Contents: Cable

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| | Order-No. | P.U. |
|---|---|---|
| ROLINE USB 3.2 Gen 1 Hub, 4 Ports, with Repeater, 10.0 m | 12.04.1097 | 4 |

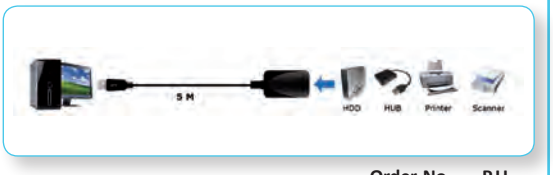
## ROLINE USB 3.2 Gen 1 Active Repeater Cable

**Extends the connection distance of an external HDD, hub, printer, scanner or other USB 3 device to your computer by 5 meters.**

- Active USB extension cable- ensures good signal quality
- Compliant with SuperSpeed USB 3.2 Gen 1, USB 2.0, USB 1.1
- Supports data rates up to 5 Gbit/s
- Plug & play
- Supported Operating Systems: Windows 2000/XP/Vista/7, Mac OS
- Contents: USB Active repeater cable



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| | Order-No. | P.U. |
|---|---|---|
| ROLINE USB 3.2 Gen 1 Active Repeater Cable, black, 5.0 m | 12.04.1096 | 8 |

## ROLINE USB 3.2 Gen 1 Active Repeater Cables

**Active USB 3.0 / USB 3.2 Gen 1 extension cable - for data rates up to 5 Gbit/s over a distance of 20m!**

- Active USB extension cable- ensures good signal quality
- Compliant with SuperSpeed USB 3.2 Gen 1, USB 2.0, USB 1.1
- Supports data rates up to 5 Gbit/s
- Plug & play
- Supported Operating Systems: Windows 2000/XP/Vista/7/8, Mac OS
- Contents: USB 3.2 Gen 1 Active repeater cable




**REMARK: Products similar to picture**



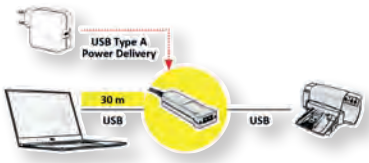

| | Order-No. – P.U. |
|---|---|
| ROLINE USB 3.2 Gen 1 Active Repeater Cable, black, 10 m | 12.04.1070 – 5 |
| ROLINE USB 3.2 Gen 1 Active Repeater Cable, black, 15 m | 12.04.1071 – 5 |
| ROLINE USB 3.2 Gen 1 Active Repeater Cable, black, 20 m | 12.04.1072 – 5 |

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## ROLINE USB 3.2 Gen 1 Extension Cable, AOC

**Active, optical USB 3.2 Gen 1 extension cable - with data transfer rates of up to 5 GBit/s at up to 30m distance!**

- Active USB extension over 30 meters
- Small cable cross section thanks to glass fibre
- Solid metal connector housing
- The extension behaves like a USB hub
- Automatic determination of the optimum transmission rate- the cable supports data rates of up to 5 Gbps
- Optional power supply of the AOC cable via the included USB cable (USB type A to Micro B)
- Contents: AOC USB cable, USB cable for power supply








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| | Order-No. – P.U. |
|---|---|
| ROLINE USB 3.2 Gen 1 Extension Cable, 1 Port, AOC, M/F, 30 m | 12.04.1079 – 2 |

## ROLINE USB Type A Port Blocker

**Protect unused USB Type A sockets against unauthorized use. The mounting tool, which also serves as a key for the USB plugs, provides additional security.**

- Reduces the risk of data leakage / theft and unauthorised uploads of software / malware
- Suitable for IT equipment in any office or public environment, like schools, museums, exhibitions or other places
- Causes no conflict with the existing IT structure
- Reduces the cost of maintenance and control of the IT equipment
- Blocks the access to a USB port physically
- Quick and simple to use
- Set with 4 locks and 1 key
- **Optional - set of 10 pieces - only USB blocker without key, to be ordered separately**



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| | Order-No. – P.U. |
|---|---|
| ROLINE USB Type A Port Blocker, 4x lock and 1x key | 11.02.8330 – 10 |
| ROLINE USB Port Lock / Blocker 10x USB for 11.02.8330 | 11.02.8331 – 10 |

## ROLINE USB Type C Port Blocker

NEW

**Protect unused USB Type C sockets against unauthorized use. The mounting tool, which also serves as a key for the USB plugs, provides additional security.**

- Reduces the risk of data leakage / theft and unauthorised uploads of software / malware
- Suitable for IT equipment in any office or public environment, like schools, museums, exhibitions or other places
- Causes no conflict with the existing IT structure
- Reduces the cost of maintenance and control of the IT equipment
- Blocks the access to a USB port physically
- Quick and simple to use
- Set with 1 lock and 1 key
- Optional- set of 10 pieces- only USB blocker without key, to be ordered separately





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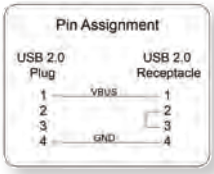
| | Order-No. – P.U. |
|---|---|
| ROLINE USB Type C Port Blocker, 1x lock and 1x key | 11.02.8333 – 10 |
| ROLINE USB Port Lock / Blocker 10x USB for 11.02.8333 | 11.02.8334 – 10 |

## ROLINE USB Type A Data Lane Blocker

NEW

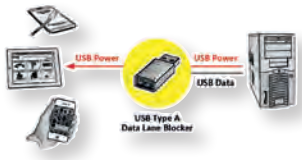
**The USB Type A Port Blocker blocks the data lanes of the used USB port and thus protects your end device from unwanted access or malware - nothing but power is transmitted. The solution is especially useful in foreign environments where USB sockets can be manipulated or hijacked comparatively easily, such as in hotels, or anchorage points like airports or train stations.**

- Eliminates the risk of becoming the target of attacks via foreign USB sockets and reduces the risk of malware / malicious software being transferred to the device
- Suitable for IT equipment in any hotel, office or public environment such as schools, museums, trade fairs or other places
- Ideally suited for anchor points such as airports and railway stations
- Does not cause conflict with the existing IT infrastructure
- Prevents data exchange by blocking the data lanes- only power is transmitted to your end device
- Safe charging without complications
- Contents: 1x USB Data Blocker






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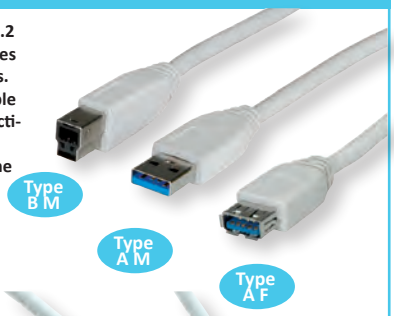



| | Order-No. – P.U. |
|---|---|
| ROLINE USB Type A Data Lane Blocker | 11.02.8332 – 10 |

## VALUE USB 3.2 Gen 1 SuperSpeed Cables

**A new major feature of USB 3.0 / USB 3.2 Gen 1 is SuperSpeed bus, which increases the maximum transfer rate to 5.0 Gbit/s. USB 3.2 Gen 1 receptacles are compatible with USB 2.0 device plugs for the respective physical form factors.**
**The cables can be used with PCs with the actual Type A F.**

Color: white





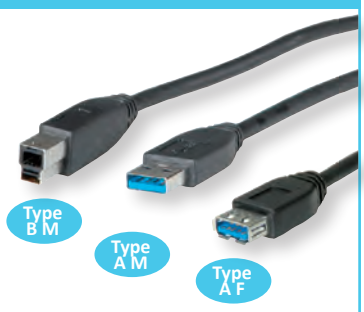


| | Order-No. – P.U. |
|---|---|
| VALUE USB 3.2 Gen 1 Cable, A - B, M/M, 0.8 m | 11.99.8869 – 10 |
| VALUE USB 3.2 Gen 1 Cable, A - B, M/M, 1.8 m | 11.99.8870 – 50 |
| VALUE USB 3.2 Gen 1 Cable, A - B, M/M, 3.0 m | 11.99.8871 – 50 |
| VALUE USB 3.2 Gen 1 Cable, A - A, M/M, 1.8 m | 11.99.8975 – 50 |
| VALUE USB 3.2 Gen 1 Cable, A - A, M/M, 3.0 m | 11.99.8976 – 50 |
| VALUE USB 3.2 Gen 1 Cable, A - A, M/F, 0.8 m | 11.99.8977 – 50 |
| VALUE USB 3.2 Gen 1 Cable, A - A, M/F, 1.8 m | 11.99.8978 – 50 |
| VALUE USB 3.2 Gen 1 Cable, A - Micro B, M/M, 0.15 m | 11.99.8876 – 10 |
| VALUE USB 3.2 Gen 1 Cable, A - Micro B, M/M, 0.8 m | 11.99.8873 – 10 |
| VALUE USB 3.2 Gen 1 Cable, A - Micro B, M/M, 2.0 m | 11.99.8875 – 10 |
| VALUE USB 3.2 Gen 1 Cable, A - Micro B, M/M, 3.0 m | 11.99.8877 – 10 |

## ROLINE USB 3.2 Gen 1 SuperSpeed Cables

**USB 3.0 / USB 3.2 Gen 1 SuperSpeed cables with high quality and improved shielding for transfer rates of up to 5 Gbit/s. USB 3.2 Gen 1 receptacles are partly compatible with USB 2.0 device plugs for the respective physical form factors.**
**The cables can be used with PCs with the actual type A interface. The new USB 3.2 Gen 1 Type B connectors are not downwards compatible.**

- Colour: black




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| | Order-No. – P.U. |
|---|---|
| ROLINE USB 3.2 Gen 1 Cable, A - B, M/M, 0.8 m | 11.02.8869 – 10 |
| ROLINE USB 3.2 Gen 1 Cable, A - B, M/M, 1.8 m | 11.02.8870 – 50 |
| ROLINE USB 3.2 Gen 1 Cable, A - B, M/M, 3.0 m | 11.02.8871 – 50 |
| ROLINE USB 3.2 Gen 1 Cable, A - A, M/M, 1.8 m | 11.02.8970 – 50 |
| ROLINE USB 3.2 Gen 1 Cable, A - A, M/M, 3.0 m | 11.02.8971 – 50 |
| ROLINE USB 3.2 Gen 1 Cable, A - A, M/F, 0.8 m | 11.02.8977 – 50 |
| ROLINE USB 3.2 Gen 1 Cable, A - A, M/F, 1.8 m | 11.02.8978 – 50 |
| ROLINE USB 3.2 Gen 1 Cable, A - Micro A, M/M, 0.8 m | 11.02.8872 – 10 |
| ROLINE USB 3.2 Gen 1 Cable, A - Micro A, M/M, 2.0 m | 11.02.8874 – 10 |
| ROLINE USB 3.2 Gen 1 Cable, A - Micro B, M/M, 0.15 m | 11.02.8876 – 25 |
| ROLINE USB 3.2 Gen 1 Cable, A - Micro B, M/M, 0.8 m | 11.02.8873 – 10 |
| ROLINE USB 3.2 Gen 1 Cable, A - Micro B, M/M, 2.0 m | 11.02.8875 – 10 |
| ROLINE USB 3.2 Gen 1 Cable, A - Micro B, M/M, 3.0 m | 11.02.8877 – 10 |

## VALUE USB 3.2 Gen 1 „DOME“ Cable

- Brings your computer‘s USB port directly on your desktop
- Two USB 3.0 / USB 3.2 Gen 1 ports: One for data, one for power/charging
- Supports SuperSpeed USB 3.2 Gen 1 with data rates of up to 5 Gbit/s
- Backwards compatible with USB 2.0, USB 1.1
- Integrated magnet, which allows you to „stick“ it on metal surfaces or furniture



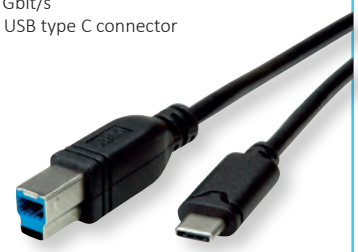
**Note: According to the current specifications of USB.org we have adapted the technical data of our USB 3 products. The new designation for the already known USB specifications has been changed to USB 3.2 Gen 1 (formerly USB 3.0 / USB 3.1 Gen 1) and USB 3.2 Gen 2 (formerly USB 3.1 / USB 3.1 Gen 2).**

| | Order-No. – P.U. |
|---|---|
| VALUE USB 3.2 Gen 1 „DOME“ Cable, black, 1.5 m | 11.99.8999 – 12 |

## ROLINE USB 3.2 Gen 1 Cables, C - B

**To connect smartphones, Tablets, external hard drives (HDD/SSD) and other USB devices to your PC, laptop or charger with the new USB Type C connection.**

- USB 3.2 Gen 1 connection cable with Type B to Type C male/male connector
- Suitable for data transfer rates of up to 5 Gbit/s
- Connectors: 1x USB Type B connector, 1x USB type C connector
- Color: black



**Note: According to the current specifications of USB.org we have adapted the technical data of our USB 3 products. The new designation for the already known USB specifications has been changed to USB 3.2 Gen 1 (formerly USB 3.0 / USB 3.1 Gen 1) and USB 3.2 Gen 2 (formerly USB 3.1 / USB 3.1 Gen 2).**

| | Order-No. – P.U. |
|---|---|
| ROLINE USB 3.2 Gen 1 Cable, C - B, M/M, black, 1.8 m | 11.02.8880 – 10 |
| ROLINE USB 3.2 Gen 1 Cable, C - B, M/M, black, 3.0 m | 11.02.8881 – 10 |

## VALUE USB 3.2 Gen 1 Cables, PD (Power Delivery)

**The new SuperSpeed specification adds a 5 Gbit/s speed mode that uses a more efficient data encoding and will deliver more than twice the effective data through-put performance of existing SuperSpeed USB over enhanced, fully backward compatible USB connectors and cables.**

- High quality cable with improved shielding
- With the new reversible Type C connectors at both ends
- Gold-plated contacts for low wear at high plugging cycles
- Suitable for data transfer rates of up to 5 Gbit/s
- Supports USB Power Delivery up to 20V / 5A

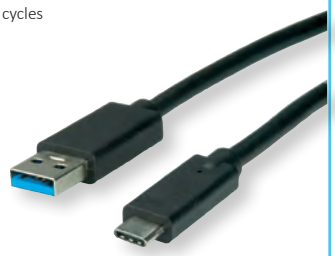


| | Order-No. – P.U. |
|---|---|
| VALUE USB 3.2 Gen 1 Cable, A-C, M/M, 0.5 m | 11.99.9010 – 20 |
| VALUE USB 3.2 Gen 1 Cable, A-C, M/M, 1 m | 11.99.9011 – 10 |

## ROLINE USB 3.2 Gen 1 Cables, PD (Power Delivery)

**The new SuperSpeed specification adds a 5 Gbit/s speed mode that uses a more efficient data encoding and will deliver more than twice the effective data through-put performance of existing SuperSpeed USB over enhanced, fully backward compatible USB connectors and cables.**

- High quality cable with improved shielding
- With the new reversible Type C connectors at both ends
- Gold-plated contacts for low wear at high plugging cycles
- Suitable for data transfer rates of up to 5 Gbit/s
- Supports USB Power Delivery to 20V / 5A



| | Order-No. – P.U. |
|---|---|
| ROLINE USB 3.2 Gen 1 Cable, A-C, M/M, black, 0.5 m | 11.02.9010 – 20 |
| ROLINE USB 3.2 Gen 1 Cable, A-C, M/M, black, 1.0 m | 11.02.9011 – 10 |

## VALUE USB 3.2 Gen 2 Cable, PD (Power Delivery) 20V5A, with Emark, C-C

**Full-featured USB 3.2 Gen 2 cable, including TID and with a data transmission rate of up to 10 Gbit/s and full Power Delivery support of up to 20V 5A!**

- High quality cable with improved shielding
- With the new reversible Type C connectors at both ends
- Gold-plated contacts for low wear at high plugging cycles
- Suitable for data transfer rates of up to 10 Gbit/s
- Supports USB Power Delivery to 20V / 5A

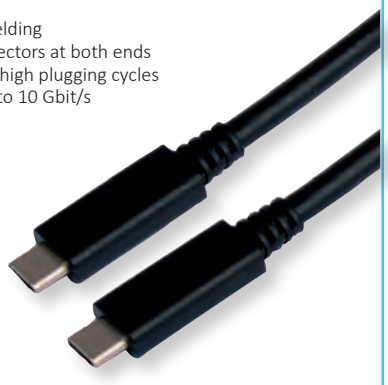


| | Order-No. – P.U. |
|---|---|
| VALUE USB 3.2 Gen 2 Cable, PD 20V5A, with Emark, C-C, 0.5 m | 11.99.9052 – 20 |
| VALUE USB 3.2 Gen 2 Cable, PD 20V5A, with Emark, C-C, 1.0 m | 11.99.9053 – 10 |

## ROLINE USB 3.2 Gen 2 Cable, PD (Power Delivery) 20V5A, with Emark, C-C

**Full-featured USB 3.2 Gen 2 cable, including TID and with a data transmission rate of up to 10 Gbit/s and full Power Delivery support of up to 20V 5A!**

- High quality cable with improved shielding
- With the new reversible Type C connectors at both ends
- Gold-plated contacts for low wear at high plugging cycles
- Suitable for data transfer rates of up to 10 Gbit/s
- Supports USB Power Delivery to 20V / 5A



| | Order-No. – P.U. |
|---|---|
| ROLINE USB 3.2 Gen 2 Cable, PD 20V5A, with Emark, C-C, 0.5 m | 11.02.9052 – 20 |
| ROLINE USB 3.2 Gen 2 Cable, PD 20V5A, with Emark, C-C, 1.0 m | 11.02.9053 – 10 |

## VALUE / ROLINE USB Adapters

**Use these adapters/cableadapters to easily connect your smartphone or tablet with USB Micro B with a charger or other suitable devices, like MacBooks, Ultrabooks, Notebooks/Laptops or PCs**

• Colour: black /white

**Note:** According to the current specifications of USB.org we have adapted the technical data of our USB 3 products. The new designation for the already known USB specifications has been changed to USB 3.2 Gen 1 (formerly USB 3.0 / USB 3.1 Gen 1) and USB 3.2 Gen 2 (formerly USB 3.1 / USB 3.1 Gen 2).

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**12.99.3192**



**12.03.2995**



**12.99.3191**



**12.99.2997**



**12.99.9030**



**12.99.2996 / 12.03.2996**



**12.99.2998**



**12.03.2997**



**12.99.3190**



**11.99.9030**



**11.02.9030**



**11.02.9031**



**11.02.9015**



**11.02.9005**



**12.99.2995**

| Brand | Order-No. – P.U. | Adapter / Cableaadapter | Compliant | Type | Connector | Functionality | Length | Color |
|---|---|---|---|---|---|---|---|---|
| VALUE | 12.99.3192 – 25 | Adapter | USB 2.0 | Micro B - C | M/F | | – | black |
| ROLINE | 12.03.2995 – 10 | Adapter | USB 3.2 Gen 1 | A - C | M/F | | – | black |
| VALUE | 12.99.3191 – 25 | Adapter | USB 2.0 | C - Micro B | M/F | | – | black |
| VALUE | 12.99.2997 – 20 | Gender Changer | USB 3.2 Gen 1 | A - A | F/F | | – | black |
| VALUE | 12.99.9030 – 25 | Adapter | USB 3.2 Gen 1 | C - A | M/F | OTG | – | black |
| VALUE | 12.99.2996 – 25 | Adapter | USB 3.2 Gen 2 | C - C | M/F, 90° | | – | black |
| ROLINE | 12.03.2996 – 10 | Adapter | USB 3.2 Gen 2 | C - C | M/F, 90° | | – | white |
| VALUE | 12.99.2998 – 10 | Adapter | USB 3.2 Gen 1 | A - C | M/F | | – | black |
| ROLINE | 12.03.2997 – 10 | Adapter | USB 3.2 Gen 1 | A - C | F/M | | – | black |
| VALUE | 12.99.3190 – 10 | Adapter | USB 2.0 | C - Micro B | M/F | OTG | – | black |
| VALUE | 11.99.9030 – 25 | Cableadapter | USB 3.2 Gen 1 | C - A | M/F | OTG | 0.15 m | black |
| ROLINE | 11.02.9030 – 10 | Cable | USB 3.2 Gen 1 | C - A | M/F | OTG | 0.15 m | black |
| ROLINE | 11.02.9031 – 10 | Cableadapter | USB | C - A | M/F | OTG | 0.15 m | black |
| ROLINE | 11.02.9015 – 10 | Cable | USB 3.2 Gen 2 | C - C | M/F | | 0.15 m | black |
| ROLINE | 11.02.9005 – 20 | Cable | USB 3.2 Gen 1 | C - Micro B | M/M | | 0.5 m | black |
| ROLINE | 11.02.9006 – 10 | Cable | USB 3.2 Gen 1 | C - Micro B | M/M | | 1 m | black |
| VALUE | 12.99.2995 – 25 | Adapter | USB 2.0 | A - C | M/F | | – | black |

## ROLINE RS232 Cables

- Cable with two 25-pole D-Sub connectors
- Connects a switchbox with a computer or two serial interfaces
- 25 lines connected 1:1
- Screen line connected to the cable foil screen and both connectors
- Connector casing moulded with special plastic for best strain relief
- Very good screening prevents data loss and electromagnetic inter- ference
- Hand locking screws
- Bronze contacts with gold coating



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| | Order-No. | P.U. |
|---|---|---|
| ROLINE RS232 Cable, M - M, 1.8 m | 11.01.3518 | 50 |
| ROLINE RS232 Cable, M - M, 3 m | 11.01.3530 | 50 |
| ROLINE RS232 Cable, M - M, 4.5 m | 11.01.3545 | 25 |
| ROLINE RS232 Cable, M - M, 6 m | 11.01.3560 | 25 |
| ROLINE RS232 Cable, M - M, 9 m | 11.01.3590 | 25 |
| ROLINE RS232 Cable, M - F, 1.8 m | 11.01.3618 | 25 |
| ROLINE RS232 Cable, M - F, 3 m | 11.01.3630 | 50 |
| ROLINE RS232 Cable, M - F, 4.5 m | 11.01.3645 | 25 |
| ROLINE RS232 Cable, M - F, 6 m | 11.01.3660 | 25 |
| ROLINE RS232 Cable, M - F, 9 m | 11.01.3690 | 20 |
| ROLINE RS232 Cable, F - F, 1.8 m | 11.01.3718 | 50 |
| ROLINE RS232 Cable, F - F, 3 m | 11.01.3730 | 50 |

## ROLINE Parallel Printer Cables

- For printers with Centronics connection
- Cable with 25-pole D-Sub plug and 36-pole Centronics plug
- 25 lines
- Screen line connected with the foil screen and both plugs
- Connector casing moulded with special plastic, for optimal strain reduction, cable break not possible
- Very good screening prevents data loss and electromagnetic interference
- Thumbscrews
- Bronze contacts with gold coating



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**Connection list for parallel printer cable**
25-pole connector: 1-14|15|16|17|18|19|20|21|22|23|24|25
36-pole connector: 1-14|32|31|36|33|19|21|23|25|27|29|30

| | Order-No. | P.U. |
|---|---|---|
| ROLINE Parallel Printer Cable, DB25 M - C36 M, grey, 1.8 m | 11.01.1018 | 50 |
| ROLINE Parallel Printer Cable, DB25 M - C36 M, grey, 3 m | 11.01.1030 | 50 |
| ROLINE Parallel Printer Cable, DB25 M - C36 M, grey, 4.5 m | 11.01.1045 | 25 |
| ROLINE Parallel Printer Cable, DB25 M - C36 M, grey, 6 m | 11.01.1060 | 25 |
| ROLINE Parallel Printer Cable, DB25 M - C36 M, grey, 9 m | 11.01.1090 | 20 |

## ROLINE Serial Link Cables

- Connects two PCs via the serial interface, whereby the cable acts as a null modem
- Two 9-pole D-Sub sockets
- Connector casing moulded with special plastic, so optimal strain reduction, cable break not possible
- Very good screening prevents data loss and electromagnetic interference



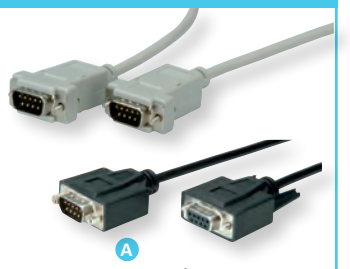
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9- pole F: 1|7|2|3| 4 |6/8|5|9
9- pole F: 7|1|3|2|6/8| 4 |5|9

| | Order-No. | P.U. |
|---|---|---|
| ROLINE Serial Link Cable, DB9 F/F, 1.8 m | 11.01.9018 | 50 |
| ROLINE Serial Link Cable, DB9 F/F, 3 m | 11.01.9030 | 50 |

## VALUE RS232 Cables

- Cable with two 9-pole D-Sub connectors, assembled
- Connects e.g. the serial IBM AT interface with a switchbox
- All lines connected 1:1
- Screen line connected with the foil screen and both connectors



Value

| | | Order-No. | P.U. |
|---|---|---|---|
| VALUE RS232 Cable, DB9 M - M, 1.8 m | | 11.99.6018 | 50 |
| VALUE RS232 Cable, DB9 M - F, 1.8 m | | 11.99.6218 | 50 |
| VALUE RS232 Cable, DB9 M - F, 3 m | | 11.99.6233 | 50 |
| VALUE RS232 Cable, DB9 M - F, 1 m Screw/Nuts | A | 11.99.6210 | 50 |

## ROLINE RS232 Cables

- Cable with two 9-pole D-Sub connectors
- Connects e.g. the serial IBM AT interface with a switchbox
- All lines connected 1:1
- Screen line connected with the foil screen and both connectors



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| | Order-No. | P.U. |
|---|---|---|
| ROLINE RS232 Cable, DB9 M - M, 1.8 m | 11.01.6018 | 50 |
| ROLINE RS232 Cable, DB9 M - F, 1.8 m | 11.01.6218 | 50 |
| ROLINE RS232 Cable, DB9 M - F, 3 m | 11.01.6230 | 50 |
| ROLINE RS232 Cable, DB9 M - F, 6 m | 11.01.6260 | 25 |
| ROLINE RS232 Cable, DB9 M - F, 10 m | 11.01.6290 | 25 |
| ROLINE RS232 Cable, DB9 F - F, 1.8 m | 11.01.5918 | 50 |

## ROLINE Modem Cables

- Cable with a 9-pole D-Sub socket and a 25-pole D-Sub plug
- Connects PC and modem
- Connector casing moulded with special plastic, thus optimal strain reduction, no cable breaks
- Very good screening prevents data loss and electromagnetic interference
- Hand locking screws
- Bronze contacts with gold coating



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DB9 F 1|2|3| 4 |5|6|7|8|9
DB25 M 8|3|2|20|7|6|4|5|22

| | Order-No. | P.U. |
|---|---|---|
| ROLINE Modem Cable, DB9 F - DB25 M, 1.8 m | 11.01.4518 | 50 |
| ROLINE Modem Cable, DB9 F - DB25 M, 3 m | 11.01.4530 | 50 |
| ROLINE Modem Cable, DB9 F - DB25 M, 6 m | 11.01.4560 | 20 |

## ROLINE Serial Printer Cables

- Cable with a 9-pole D-Sub socket and a 25-pole D-Sub plug
- Connects PC and modem
- Connector casing moulded with special plastic, thus optimal strain reduction, no cable breaks
- Very good screening prevents data loss and electromagnetic interference
- Hand locking screws
- Bronze contacts with gold coating



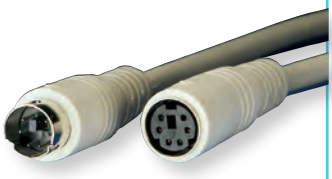
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DB9 F: 1|2|3| 4 |5|6|7|8|9
DB25 M: 8|3|2|20|7|6|4|5|22

| | Order-No. | P.U. |
|---|---|---|
| ROLINE Serial Printer Cable, DB9 F - DB25 M, 1.8 m | 11.01.4618 | 50 |
| ROLINE Serial Printer Cable, DB9 F - DB25 M, 3 m | 11.01.4630 | 50 |

## ROLINE PS/2 Cables

- Extends the keyboard or mouse cable of a PC, e.g. for location of the computer under a table or for connection to a switchbox
- Cable with 6-pole Mini DIN plug and socket, 1:1



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| | Order-No. | P.U. |
|---|---|---|
| ROLINE PS/2 Cable, M - F, 1.8 m | 11.01.5618 | 50 |
| ROLINE PS/2 Cable, M - F, 3 m | 11.01.5630 | 50 |
| ROLINE PS/2 Cable, M - F, 6 m | 11.01.5660 | 25 |
| ROLINE PS/2 Cable, M - F, 10 m | 11.01.5690 | 25 |
| ROLINE PS/2 Cable, M - M, 1.8 m | 11.01.5818 | 50 |
| ROLINE PS/2 Cable, M - M, 3 m | 11.01.5830 | 50 |
| ROLINE PS/2 Cable, M - M, 6 m | 11.01.5860 | 25 |

## ROLINE VGA Cables, HD15

- Cable for connection of a monitor to a graphics card or to a switch
- 14 lines and additionally a screen line which is connected to the foil screen of the cable and to both connectors
- Moulded connector casings
- Hand-locking screws

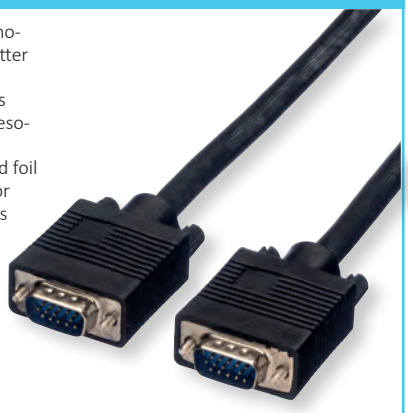


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| | Order-No. | P.U. |
|---|---|---|
| ROLINE VGA Cable, HD15, F/M, 1.8 m | 11.01.6518 | 50 |
| ROLINE VGA Cable, HD15, F/M, 3 m | 11.01.6530 | 50 |
| ROLINE VGA Cable, HD15, F/M, 6 m | 11.01.6560 | 25 |
| ROLINE VGA Cable, HD15, F/M, 10 m | 11.01.6590 | 25 |
| ROLINE VGA Cable, HD15, M/M, 1.8 m | 11.01.6618 | 50 |
| ROLINE VGA Cable, HD15, M/M, 3 m | 11.01.6630 | 50 |

## VALUE SVGA Cables, HD15

- Quality cable for connection of a monitor to a graphics card or VGA splitter or amplifier
- Suitable for covering long distances (depending on graphics card and resolution) with high resolution
- Double-shielded cable (braided and foil shield) consisting of: 3 coax lines for the RGB signals and 7 AWG28 wires
- Thumbscrews



Value®

| | Order-No. | P.U. |
|---|---|---|
| VALUE SVGA Cable, HD15, M/M, 2 m | 11.99.5252 | 20 |
| VALUE SVGA Cable, HD15, M/M, 3 m | 11.99.5253 | 20 |
| VALUE SVGA Cable, HD15, M/M, 6 m | 11.99.5256 | 10 |
| VALUE SVGA Cable, HD15, M/M, 10 m | 11.99.5257 | 5 |
| VALUE SVGA Cable, HD15, M/M, 15 m | 11.99.5258 | 2 |
| VALUE SVGA Cable, HD15, M/M, 20 m | 11.99.5259 | 2 |

## ROLINE HQ VGA Cables, HD15

- High quality cable for connection of a monitor to a graphics card or VGA splitter or amplifier
- Suitable for covering long distances (depending on graphics card and resolution) with high resolution; with amplifier up to 100 m
- Double-shielded cable (braided and foil shield)
- **3 coax lines for the RGB signals and 7 AWG28 wires (13 wires connected)**
- **Pin 9 (missing) and Pin 15 (not connected)**
- Thumbscrews



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| | Order-No. | P.U. |
|---|---|---|
| ROLINE HQ VGA Cable, HD15, M/M, 2 m | 11.04.5202 | 20 |
| ROLINE HQ VGA Cable, HD15, M/M, 3 m | 11.04.5203 | 20 |
| ROLINE HQ VGA Cable, HD15, M/M, 6 m | 11.04.5206 | 10 |
| ROLINE HQ VGA Cable HD15, M/M, 10 m | 11.04.5210 | 5 |
| ROLINE HQ VGA Cable HD15, M/M, 15 m | 11.04.5215 | 2 |
| ROLINE HQ VGA Cable, HD15, M/M, 20 m | 11.04.5220 | 2 |
| ROLINE HQ VGA Cable, HD15, M/M, 30 m | 11.04.5230 | 2 |
| ROLINE HQ VGA Cable, HD15, M/F, 2 m | 11.04.5302 | 20 |
| ROLINE HQ VGA Cable, HD15, M/F, 3 m | 11.04.5303 | 20 |
| ROLINE HQ VGA Cable, HD15, M/F, 6 m | 11.04.5306 | 10 |
| ROLINE HQ VGA Cable, HD15, M/F, 10 m | 11.04.5310 | 5 |
| ROLINE HQ VGA Cable, HD15, M/F, 20 m | 11.04.5320 | 2 |
| ROLINE HQ VGA Cable, HD15, M/F, 30 m | 11.04.5330 | 2 |

## ROLINE HQ VGA Cables + Ferrite, HD15

- High quality cable for connection of a monitor to a graphics card or VGA splitter or amplifier
- As monitor connection cable with two additional ferrite cores
- **3 coax lines for the RGB signals and 7 AWG28 wires (13 wires connected)**
- **Pin 9 (missing) and Pin 15 (not connected)**
- Connector casings moulded
- Double screened cable (braided and foil shield)
- Hand locking screws



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| | Order-No. | P.U. |
|---|---|---|
| ROLINE HQ VGA Cable + Ferrite, HD15, M/M, 2 m | 11.04.5252 | 20 |
| ROLINE HQ VGA Cable + Ferrite, HD15, M/M, 3 m | 11.04.5253 | 20 |
| ROLINE HQ VGA Cable + Ferrite, HD15, M/M, 6 m | 11.04.5256 | 10 |
| ROLINE HQ VGA Cable + Ferrite, HD15, M/M, 10 m | 11.04.5260 | 5 |
| ROLINE HQ VGA Cable + Ferrite, HD15, M/M, 15 m | 11.04.5265 | 2 |
| ROLINE HQ VGA Cable + Ferrite, HD15, M/M, 20 m | 11.04.5270 | 2 |
| ROLINE HQ VGA Cable + Ferrite, HD15, M/M, 30 m | 11.04.5280 | 2 |
| ROLINE HQ VGA Cable + Ferrite, HD15, M/F, 2 m | 11.04.5352 | 20 |
| ROLINE HQ VGA Cable + Ferrite, HD15, M/F, 3 m | 11.04.5353 | 20 |
| ROLINE HQ VGA Cable + Ferrite, HD15, M/F, 6 m | 11.04.5356 | 10 |
| ROLINE HQ VGA Cable + Ferrite, HD15, M/F, 10 m | 11.04.5360 | 5 |
| ROLINE HQ VGA Cable + Ferrite, HD15, M/F, 20 m | 11.04.5370 | 2 |
| ROLINE HQ VGA Cable + Ferrite, HD15, M/F, 30 m | 11.04.5380 | 2 |

## ROLINE HQ VGA Cables + Ferrite + DDC, HD15

- High quality cable for connection of a monitor to a graphics card or VGA splitter or amplifier
- Additionally with two ferrite cores and DDC functionality
- **3 coax lines for the RGB signals and 9 AWG28 wires (all pins connected, incl. pin 9 and pin 15)**
- Double screened cable (braided and foil shielding)
- Thumbscrews



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| | Order-No. | P.U. |
|---|---|---|
| ROLINE HQ VGA Cable + Ferrite + DDC, HD15, M/M, 2 m | 11.04.5652 | 20 |
| ROLINE HQ VGA Cable + Ferrite + DDC, HD15, M/M, 3 m | 11.04.5653 | 20 |
| ROLINE HQ VGA Cable + Ferrite + DDC, HD15, M/M, 6 m | 11.04.5656 | 10 |
| ROLINE HQ VGA Cable + Ferrite + DDC, HD15, M/M, 10 m | 11.04.5660 | 5 |
| ROLINE HQ VGA Cable + Ferrite + DDC, HD15, M/M, 15 m | 11.04.5665 | 2 |
| ROLINE HQ VGA Cable + Ferrite + DDC, HD15, M/M, 20 m | 11.04.5670 | 2 |
| ROLINE HQ VGA Cable + Ferrite + DDC, HD15, M/F, 2 m | 11.04.5651 | 20 |
| ROLINE HQ VGA Cable + Ferrite + DDC, HD15, M/F, 3 m | 11.04.5654 | 20 |
| ROLINE HQ VGA Cable + Ferrite + DDC, HD15, M/F, 6 m | 11.04.5655 | 10 |
| ROLINE HQ VGA Cable + Ferrite + DDC, HD15, M/F, 10 m | 11.04.5659 | 5 |

## ROLINE Combi Cables, VGA + Audio

- To connect in an easy way PC or Switch with your PC
- The separate cable VGA and 3.5 mm Audio are now combined in only one cable
- On both side are HD15 M and 3.5 mm M connectors
- Colour: dark grey



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| | Order-No. – P.U. |
|---|---|
| ROLINE Combi Cable, VGA + Audio, M-M, 3.0 m | 11.04.5153 – 20 |
| ROLINE Combi Cable, VGA + Audio, M-M, 6.0 m | 11.04.5156 – 10 |
| ROLINE Combi Cable, VGA + Audio, M-M, 10.0 m | 11.04.5160 – 5 |
| ROLINE Combi Cable, VGA + Audio, M-M, 15.0 m | 11.04.5162 – 3 |
| ROLINE Combi Cable, VGA + Audio, M-M, 20.0 m | 11.04.5164 – 2 |

## VALUE DVI Cables, DVI (18+5) - HD15

- Used for the connection of a TFT monitor with an analogue DVI connector to a standard VGA graphic card
- Cable with one DVI male connector and one HD15 male connector



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| | Order-No. – P.U. |
|---|---|
| VALUE DVI Cable, DVI (18+5) - HD15, M/M, 2.0 m | 11.99.5420 – 25 |
| VALUE DVI Cable, DVI (18+5) - HD15, M/M, 3.0 m | 11.99.5430 – 20 |
| VALUE DVI Cable, DVI (18+5) - HD15, M/M, 5.0 m | 11.99.5449 – 10 |

## ROLINE DVI Cables, DVI (12+5) - HD15

**VGA / DVI connection cable to use a VGA monitor with a DVI-I output on the graphics card. The cable is connected between the VGA graphics card and the digital monitor or between the VGA graphics card and the DVI-I interface of the monitor.**

- Used for the connection of a monitor with a DVI connector to a standard VGA graphics card
- Cable with one DVI Male connector and one HD15 Male connector



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| | Order-No. – P.U. |
|---|---|
| ROLINE DVI Cable, DVI (12+5) - HD15, M/M, 2.0 m | 11.04.5420 – 25 |
| ROLINE DVI Cable, DVI (12+5) - HD15, M/M, 3.0 m | 11.04.5430 – 20 |
| ROLINE DVI Cable, DVI (12+5) - HD15, M/M, 5.0 m | 11.04.5450 – 10 |

## VALUE DVI Cables, DVI (24+1), Dual Link

- DVI is the standard for the digital transmission between graphic card and digital monitor (e.g. TFT)
- Advantage: No quality loss during digital/analog conversion
- Colour: black



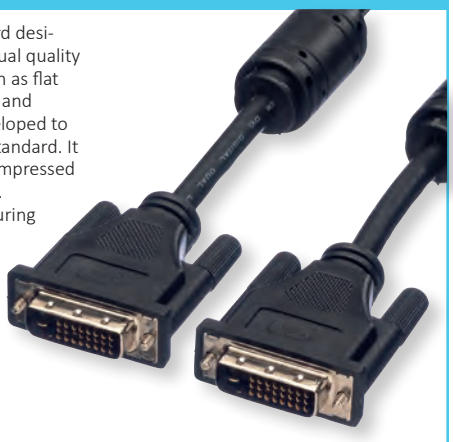
Value®

| | Order-No. – P.U. |
|---|---|
| VALUE Monitor DVI Cable, DVI (24+1), Dual Link, M/M, 1.0 m | 11.99.5521 – 40 |
| VALUE Monitor DVI Cable, DVI (24+1), Dual Link, M/M, 2.0 m | 11.99.5525 – 25 |
| VALUE Monitor DVI Cable, DVI (24+1), Dual Link, M/M, 3.0 m | 11.99.5535 – 20 |
| VALUE Monitor DVI Cable, DVI (24+1), Dual Link, M/M, 5.0 m | 11.99.5555 – 10 |
| VALUE Monitor DVI Cable, DVI (24+1), Dual Link, M/M, 7.5 m | 11.99.5556 – 10 |
| VALUE Monitor DVI Cable, DVI (24+1), Dual Link, M/M, 10.0 m | 11.99.5595 – 10 |
| VALUE Monitor DVI Cable, DVI (24+1), Dual Link, M/F, 1.0 m | 11.99.5562 – 10 |
| VALUE Monitor DVI Cable, DVI (24+1), Dual Link, M/F, 2.0 m | 11.99.5563 – 10 |
| VALUE Monitor DVI Cable, DVI (24+1), Dual Link, M/F, 3.0 m | 11.99.5564 – 10 |
| VALUE Monitor DVI Cable, DVI (24+1), Dual Link, M/F, 5.0 m | 11.99.5565 – 5 |

## ROLINE DVI Cables, DVI (24+1), Dual Link

DVI is a video interface standard designed to provide very high visual quality on digital display devices such as flat panel LCD computer displays and digital projectors. It was developed to replace the VGA connector standard. It is designed for carrying uncompressed digital video data to a display.

- Advantage: No quality loss during digital/analog conversion
- Colour: Black



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| | Order-No. – P.U. |
|---|---|
| ROLINE Monitor Cable, DVI (24+1), Dual Link, M/M, 1.0 m | 11.04.5521 – 25 |
| ROLINE Monitor Cable, DVI (24+1), Dual Link, M/M, 2.0 m | 11.04.5525 – 25 |
| ROLINE Monitor Cable, DVI (24+1), Dual Link, M/M, 3.0 m | 11.04.5535 – 20 |
| ROLINE Monitor Cable, DVI (24+1), Dual Link, M/M, 5.0 m | 11.04.5555 – 10 |
| ROLINE Monitor Cable, DVI (24+1), Dual Link, M/M, 7.5 m | 11.04.5556 – 10 |
| ROLINE Monitor Cable, DVI (24+1), Dual Link, M/M, 10.0 m | 11.04.5595 – 10 |
| ROLINE Monitor Cable, DVI (24+1), Dual Link, M/M, 15.0 m | 11.04.5598 – 4 |
| ROLINE Monitor Cable, DVI (24+1), Dual Link, M/M, 20.0 m | 11.04.5599 – 3 |

## VALUE DVI Cables, DVI (18+1) - HDMI

2K | 1080p FULL HD

**VALUE HDMI to DVI cable for connecting an ultrabook, notebook/laptop or PC to a monitor, TV or projector - for screen transmissions in excellent quality with a resolution of up to 1920x1080 @60Hz!**

- The connector requires less space and is therefore more suitable for portable display devices (ultrabooks, notebooks/laptops) or for 2 connectors on a graphics card (on a slot plate).
- High-quality, double-shielded cable (foil+braid) with gold-plated contacts for optimum transmission of image signals
- Connectors: DVI-D (18+1) to HDMI



| | Order-No. – P.U. |
|---|---|
| VALUE DVI Cable, DVI (18+1) - HDMI, M/M, black, 1 m | 11.99.5519 – 20 |
| VALUE DVI Cable, DVI (18+1) - HDMI, M/M, black, 1.5 m | 11.99.5516 – 20 |
| VALUE DVI Cable, DVI (18+1) - HDMI, M/M, black, 2 m | 11.99.5522 – 20 |
| VALUE DVI Cable, DVI (18+1) - HDMI, M/M, black, 3 m | 11.99.5532 – 20 |
| VALUE DVI Cable, DVI (18+1) - HDMI, M/M, black, 5 m | 11.99.5552 – 10 |
| VALUE DVI Cable, DVI (18+1) - HDMI, M/M, black, 10 m | 11.99.5553 – 5 |

## ROLINE DVI Cables, DVI (18+1) - HDMI

2K | 1080p FULL HD

**ROLINE HDMI to DVI cable for connecting an ultrabook, notebook/laptop or PC to a monitor, TV or projector - for screen transmissions in excellent quality with a resolution of up to 1920x1080 @60Hz!**

- The connector requires less space and is therefore more suitable for portable display devices (ultrabooks, notebooks/laptops) or for 2 connectors on a graphics card (on a slot plate).
- High-quality, double-shielded cable (foil+braid) with gold-plated contacts for optimum transmission of image signals
- Connectors: DVI-D (18+1) to HDMI



| | Order-No. – P.U. |
|---|---|
| ROLINE DVI Cable, DVI (18+1) - HDMI, M/M, black, 1 m | 11.04.5519 – 20 |
| ROLINE DVI Cable, DVI (18+1) - HDMI, M/M, black, 1.5 m | 11.04.5516 – 20 |
| ROLINE DVI Cable, DVI (18+1) - HDMI, M/M, black, 2 m | 11.04.5522 – 20 |
| ROLINE DVI Cable, DVI (18+1) - HDMI, M/M, black, 3 m | 11.04.5532 – 20 |
| ROLINE DVI Cable, DVI (18+1) - HDMI, M/M, black, 5 m | 11.04.5552 – 10 |
| ROLINE DVI Cable, DVI (18+1) - HDMI, M/M, black, 10 m | 11.04.5553 – 5 |

## ROLINE Monitor Cables, DVI (24+1), Dual Link

4K | 2160p UHD–1

**Connect your Macbook, Ultrabook, Notebook/Laptop or PC to a DVI monitor or projector with DVI - with a maximum resolution of 3840x2160 @30Hz!**

- DVI-D dual link version with (24+1)-pin assignment, recommended for monitors with bigger screen sizes
- ROLINE cable with gold plated contacts and metal connector housing
- Maximum resolution: 3840x2160 @30Hz
- Nylon-reinforced cable outer material for a better stability
- Thumbscrews



| | Order-No. – P.U. |
|---|---|
| ROLINE Monitor Cable, DVI (24+1), Dual Link, M/M, black /silver, 1 m | 11.04.5860 – 25 |
| ROLINE Monitor Cable, DVI (24+1), Dual Link, M/M, black /silver, 2 m | 11.04.5861 – 25 |
| ROLINE Monitor Cable, DVI (24+1), Dual Link, M/M, black /silver, 3 m | 11.04.5862 – 20 |
| ROLINE Monitor Cable, DVI (24+1), Dual Link, M/M, black /silver, 5 m | 11.04.5863 – 10 |
| ROLINE Monitor Cable, DVI (24+1), Dual Link, M/M, black /silver, 7.5 m | 11.04.5864 – 10 |
| ROLINE Monitor Cable, DVI (24+1), Dual Link, M/M, black /silver, 10 m | 11.04.5865 – 10 |

## ROLINE Monitor Cables, DVI (24+1) - HDMI, Dual Link

4K | 2160p UHD–1

**ROLINE HDMI to DVI cable for connecting an ultrabook, notebook/laptop or PC to a monitor, TV or projector - for screen transmissions in excellent quality with a resolution of up to 3840x2160 @30Hz!**

- The rugged nylon braid protects the cable effectively and makes it look stunning.
- High-quality, double-shielded cable (foil+braid) with gold-plated contacts for optimum transmission of image signals
- Connectors: DVI-D (24+1) to HDMI



| | Order-No. – P.U. |
|---|---|
| ROLINE Monitor Cable, DVI (24+1) - HDMI, Dual Link, M/M, black /silver, 1 m | 11.04.5870 – 10 |
| ROLINE Monitor Cable, DVI (24+1) - HDMI, Dual Link, M/M, black /silver, 1.5 m | 11.04.5876 – 10 |
| ROLINE Monitor Cable, DVI (24+1) - HDMI, Dual Link, M/M, black /silver, 2 m | 11.04.5871 – 10 |
| ROLINE Monitor Cable, DVI (24+1) - HDMI, Dual Link, M/M, black /silver, 3 m | 11.04.5872 – 10 |
| ROLINE Monitor Cable, DVI (24+1) - HDMI, Dual Link, M/M, black /silver, 5 m | 11.04.5873 – 10 |
| ROLINE Monitor Cable, DVI (24+1) - HDMI, Dual Link, M/M, black /silver, 7.5 m | 11.04.5874 – 5 |
| ROLINE Monitor Cable, DVI (24+1) - HDMI, Dual Link, M/M, black /silver, 10 m | 11.04.5875 – 5 |

## VALUE HDMI High Speed Cables

2K | 1080p FULL HD | 3D capable

- HDMI supports standard, enhanced, or high-definition video, plus multi-channel digital audio on a single cable. It transmits all ATSC HDTV standards and supports 8-channel digital audio, with bandwidth to spare to accommodate future enhancements and requirements.
- Maximum resolution: 1920x1080 @60Hz
- HDMI High Speed increases single-link bandwidth to 340 MHz (10.2 Gbit/s)



| | Order-No. – P.U. |
|---|---|
| VALUE HDMI High Speed Cable, M/M, black, 1 m | 11.99.5526 – 20 |
| VALUE HDMI High Speed Cable, M/M, black, 2 m | 11.99.5527 – 20 |
| VALUE HDMI High Speed Cable, M/M, black, 3 m | 11.99.5537 – 20 |
| VALUE HDMI High Speed Cable, M/M, black, 5 m | 11.99.5557 – 10 |
| VALUE HDMI High Speed Cable, M/M, black, 10 m | 11.99.5558 – 10 |
| VALUE HDMI High Speed Cable, M/M, black, 15 m | 11.99.5534 – 5 |
| VALUE HDMI High Speed Cable, M/M, black, 20 m | 11.99.5536 – 5 |

## ROLINE HDMI High Speed Cables

2K | 1080p FULL HD | 3D capable

**HDMI (High-Definition Multimedia Interface) supports standard, enhanced, or high-definition video, plus multi-channel digital audio on a single cable.**

- Maximum resolution: 1920x1080 @60Hz
- HDMI High Speed increases single-link bandwidth to 340 MHz (10.2 Gbit/s)
- HDMI High Speed supports 10-bit, 12-bit and 16-bit (RGB or YCbCr) color depths, for stunning rendering of over one billion colors in unprecedented detail
- ROLINE cable with high quality shielding
- Colour: black



| | Order-No. – P.U. |
|---|---|
| ROLINE HDMI High Speed Cable, M/M, 1 m | 11.04.5571 – 20 |
| ROLINE HDMI High Speed Cable, M/M, 2 m | 11.04.5572 – 20 |
| ROLINE HDMI High Speed Cable, M/M, 3 m | 11.04.5573 – 20 |
| ROLINE HDMI High Speed Cable, M/M, 5 m | 11.04.5575 – 10 |
| ROLINE HDMI High Speed Cable, M/M, 10 m | 11.04.5576 – 5 |
| ROLINE HDMI High Speed Cable, M/M, 15 m | 11.04.5577 – 5 |
| ROLINE HDMI High Speed Cable, M/M, 20 m | 11.04.5578 – 5 |

## VALUE HDMI High Speed Cables + Ethernet

4K 2160p 3D capable

**Allowing a maximum video resolution of up to 3840x2160 @30Hz!**

- HDMI Ethernet Channel- Adds high-speed networking to an HDMI link, allowing users to take full advantage of their IP-enabled devices without a separate ethernet cable
- Audio Return Channel
- 3D- Defines input/output protocols for major 3D video formats, paving the way for true 3D gaming and 3D home theater applications
- Additional Color Spaces- Adds support for additional color models used in digital photography and computer graphics
- Colour: black



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| | Order-No. | P.U. |
|---|---|---|
| VALUE HDMI High Speed Cable + Ethernet, M/F, 1 m | 11.99.5574 | 10 |
| VALUE HDMI High Speed Cable + Ethernet, M/F, 1.5 m | 11.99.5571 | 10 |
| VALUE HDMI High Speed Cable + Ethernet, M/F, 2 m | 11.99.5575 | 10 |
| VALUE HDMI High Speed Cable + Ethernet, M/F, 3 m | 11.99.5576 | 10 |
| VALUE HDMI High Speed Cable + Ethernet, M/F, 5 m | 11.99.5577 | 5 |
| VALUE HDMI High Speed Cable + Ethernet, M/M, black, 1 m | 11.99.5541 | 10 |
| VALUE HDMI High Speed Cable + Ethernet, M/M, black, 1.5 m | 11.99.5531 | 10 |
| VALUE HDMI High Speed Cable + Ethernet, M/M, black, 2 m | 11.99.5542 | 10 |
| VALUE HDMI High Speed Cable + Ethernet, M/M, black, 3 m | 11.99.5543 | 10 |
| VALUE HDMI High Speed Cable + Ethernet, M/M, black, 5 m | 11.99.5545 | 10 |
| VALUE HDMI High Speed Cable + Ethernet, M/M, black, 7.5 m | 11.99.5544 | 10 |
| VALUE HDMI High Speed Cable + Ethernet, M/M, black, 10 m | 11.99.5546 | 5 |
| VALUE HDMI High Speed Cable + Ethernet, M/M, black, 15 m | 11.99.5547 | 5 |
| VALUE HDMI High Speed Cable + Ethernet, M/M, black, 20 m | 11.99.5548 | 5 |
| VALUE HDMI High Speed Cable + Ethernet, M/M, white, 1 m | 11.99.5701 | 10 |
| VALUE HDMI High Speed Cable + Ethernet, M/M, white, 1.5 m | 11.99.5704 | 10 |
| VALUE HDMI High Speed Cable + Ethernet, M/M, white, 2 m | 11.99.5702 | 10 |
| VALUE HDMI High Speed Cable + Ethernet, M/M, white, 3 m | 11.99.5703 | 10 |
| VALUE HDMI High Speed Cable + Ethernet, M/M, white, 5 m | 11.99.5705 | 10 |
| VALUE HDMI High Speed Cable + Ethernet, M/M, white, 7.5 m | 11.99.5706 | 10 |
| VALUE HDMI High Speed Cable + Ethernet, M/M, white, 10 m | 11.99.5710 | 5 |
| VALUE HDMI High Speed Cable + Ethernet, M/M, white, 15 m | 11.99.5715 | 5 |
| VALUE HDMI High Speed Cable + Ethernet, M/M, white, 20 m | 11.99.5720 | 5 |

*Halogenfree Flame Retardant Low Smoke

| | Order-No. | P.U. |
|---|---|---|
| VALUE HDMI High Speed Cable + Ethernet, LSOH, M/M, black, 1 m | 11.99.5731 | 10 |
| VALUE HDMI High Speed Cable + Ethernet, LSOH, M/M, black, 2 m | 11.99.5732 | 10 |
| VALUE HDMI High Speed Cable + Ethernet, LSOH, M/M, black, 3 m | 11.99.5733 | 10 |
| VALUE HDMI High Speed Cable + Ethernet, LSOH, M/M, black, 5 m | 11.99.5735 | 10 |
| VALUE HDMI High Speed Cable + Ethernet, LSOH, M/M, black, 7.5 m | 11.99.5736 | 10 |
| VALUE HDMI High Speed Cable + Ethernet, LSOH, M/M, black, 10 m | 11.99.5740 | 5 |
| VALUE HDMI High Speed Cable + Ethernet, LSOH, M/M, black, 15 m | 11.99.5745 | 5 |
| VALUE HDMI High Speed Cable + Ethernet, LSOH, M/M, black, 20 m | 11.99.5750 | 5 |

## ROLINE HDMI High Speed Cables + Ethernet

4K 2160p 3D capable

**ROLINE HDMI High Speed Cables with Ethernet - offering even more HDTV features, at a resolution of up to 3840x2160 @30Hz!**

- HDMI Ethernet Channel
- Audio Return Channel
- 3D- Defines input/output protocols for major 3D video formats
- Quality cable with improved shielding
- Colour: black/white
- Cable with HDMI male connector on both sides



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| | Order-No. | P.U. |
|---|---|---|
| ROLINE HDMI High Speed Cable + Ethernet, M/M, black, 1 m | 11.04.5541 | 10 |
| ROLINE HDMI High Speed Cable + Ethernet, M/M, black, 1.5 m | 11.04.5531 | 10 |
| ROLINE HDMI High Speed Cable + Ethernet, M/M, black, 2 m | 11.04.5542 | 10 |
| ROLINE HDMI High Speed Cable + Ethernet, M/M, black, 3 m | 11.04.5543 | 10 |
| ROLINE HDMI High Speed Cable + Ethernet, M/M, black, 5 m | 11.04.5545 | 10 |
| ROLINE HDMI High Speed Cable + Ethernet, M/M, black, 7.5 m | 11.04.5544 | 10 |
| ROLINE HDMI High Speed Cable + Ethernet, M/M, black, 10 m | 11.04.5547 | 5 |
| ROLINE HDMI High Speed Cable + Ethernet, M/M, black, 15 m | 11.04.5548 | 5 |
| ROLINE HDMI High Speed Cable + Ethernet, M/M, black, 20 m | 11.04.5549 | 5 |
| ROLINE HDMI High Speed Cable + Ethernet, M/M, black, 30 m | 11.04.5546 | 2 |
| ROLINE HDMI High Speed Cable + Ethernet, M/M, white, 1 m | 11.04.5701 | 10 |
| ROLINE HDMI High Speed Cable + Ethernet, M/M, white, 1.5 m | 11.04.5704 | 10 |
| ROLINE HDMI High Speed Cable + Ethernet, M/M, white, 2 m | 11.04.5587 | 10 |
| ROLINE HDMI High Speed Cable + Ethernet, M/M, white, 3 m | 11.04.5703 | 10 |
| ROLINE HDMI High Speed Cable + Ethernet, M/M, white, 5 m | 11.04.5588 | 10 |
| ROLINE HDMI High Speed Cable + Ethernet, M/M, white, 7.5 m | 11.04.5706 | 10 |
| ROLINE HDMI High Speed Cable + Ethernet, M/M, white, 10 m | 11.04.5710 | 5 |
| ROLINE HDMI High Speed Cable + Ethernet, M/M, white, 15 m | 11.04.5715 | 5 |
| ROLINE HDMI High Speed Cable + Ethernet, M/M, white, 20 m | 11.04.5720 | 5 |

*Halogenfree Flame Retardant Low Smoke

| | Order-No. | P.U. |
|---|---|---|
| ROLINE HDMI High Speed Cable + Ethernet, LSOH, M/M, black, 1 m | 11.04.5731 | 10 |
| ROLINE HDMI High Speed Cable + Ethernet, LSOH, M/M, black, 2 m | 11.04.5732 | 10 |
| ROLINE HDMI High Speed Cable + Ethernet, LSOH, M/M, black, 3 m | 11.04.5733 | 10 |
| ROLINE HDMI High Speed Cable + Ethernet, LSOH, M/M, black, 5 m | 11.04.5735 | 10 |
| ROLINE HDMI High Speed Cable + Ethernet, LSOH, M/M, black, 7.5 m | 11.04.5736 | 10 |
| ROLINE HDMI High Speed Cable + Ethernet, LSOH, M/M, black, 10 m | 11.04.5740 | 5 |
| ROLINE HDMI High Speed Cable + Ethernet, LSOH, M/M, black, 15 m | 11.04.5745 | 5 |
| ROLINE HDMI High Speed Cable + Ethernet, LSOH, M/M, black, 20 m | 11.04.5750 | 5 |

## ROLINE Notebook HDMI High Speed Cables + Ethernet

4K 2160p 3D capable

**High quality HDMI High Speed Cable with Ethernet - offering even more HDTV features, with a resolution of up to 3840x2160 @30Hz!**

- HDMI Ethernet Channel
- Audio Return Channel
- 3D- Defines input/output protocols for major 3D video formats
- Quality cable with improved shielding
- Colour: black
- Cable with extra compact HDMI male connector on both sides, perfectly suited for mobile applications, like e.g. for Ultrabooks/Notebooks



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| | Order-No. | P.U. |
|---|---|---|
| ROLINE Notebook HDMI High Speed Cable + Ethernet, M/M, black, 1 m | 11.04.5591 | 20 |
| ROLINE Notebook HDMI High Speed Cable + Ethernet, M/M, black, 1.5 m | 11.04.5596 | 20 |
| ROLINE Notebook HDMI High Speed Cable + Ethernet, M/M, black, 2 m | 11.04.5592 | 20 |
| ROLINE Notebook HDMI High Speed Cable + Ethernet, M/M, black, 3 m | 11.04.5593 | 20 |
| ROLINE Notebook HDMI High Speed Cable + Ethernet, M/M, black, 5 m | 11.04.5594 | 10 |

## ROLINE HDMI High Speed Cables Ethernet

4K 2160p 3D capable

**ROLINE HDMI cable with double-sided HDMI connection for connecting an ultrabook, notebook/laptop or PC to a monitor, TV or projector - for screen transmissions in excellent quality with a resolution of up to 3840x2160 @30Hz!**

- The rugged nylon braid protects the HDMI cable effectively and makes it look stunning.
- High-quality, double-shielded cable (foil+braid) with gold-plated contacts for optimum transmission of image signals
- Supports 3D video
- HDMI Ethernet channel
- Audio return channel for forwarding signals to the audio/video receiver.
- Black metallic connector housing



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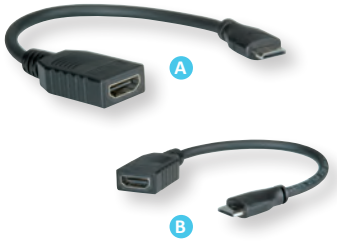
| | Order-No. | P.U. |
|---|---|---|
| ROLINE HDMI High Speed Cable + Ethernet, M/M, black /silver, 1 m | 11.04.5850 | 10 |
| ROLINE HDMI High Speed Cable + Ethernet, M/M, black /silver, 1.5 m | 11.04.5856 | 10 |
| ROLINE HDMI High Speed Cable + Ethernet, M/M, black /silver, 2 m | 11.04.5851 | 10 |
| ROLINE HDMI High Speed Cable + Ethernet, M/M, black /silver, 3 m | 11.04.5852 | 10 |
| ROLINE HDMI High Speed Cable + Ethernet, M/M, black /silver, 5 m | 11.04.5853 | 10 |
| ROLINE HDMI High Speed Cable + Ethernet, M/M, black /silver, 7.5 m | 11.04.5854 | 5 |
| ROLINE HDMI High Speed Cable + Ethernet, M/M, black /silver, 10 m | 11.04.5855 | 5 |

## VALUE /ROLINE HDMI High Speed Cables + Ethernet, Type C/D

2K 1080p FULL HD 3D capable

**For the connection of e. g. mobile phones, smart phones, PDAs, digital cameras.**

- HDMI Ethernet Channel
- Audio Return Channel
- 3D- Defines input/output protocols for major 3D video formats
- Connectors: HDMI Type A F to HDMI Type C (Mini HDMI) M or Type D (Micro HDMI) M
- Quality cable with improved shielding
- Colour: black




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| | | Order-No. | P.U. |
|---|---|---|---|
| VALUE HDMI High Speed Cable + Ethernet, A - C, F/M, 0.15 m | A | 11.99.5586 | 25 |
| VALUE HDMI High Speed Cable + Ethernet, A - D, F/M, 0.15 m | B | 11.99.5584 | 25 |

| | | Order-No. | P.U. |
|---|---|---|---|
| ROLINE HDMI High Speed Cable + Ethernet, A - C, F/M, 0.15 m | A | 11.04.5586 | 10 |
| ROLINE HDMI High Speed Cable + Ethernet, A - D, F/M, 0.15 m | B | 11.04.5584 | 10 |

## ROLINE HDMI High Speed Cable + Ethernet, TPE

4K 2160p 3D capable

**High-quality HDMI cable for resolutions up to 3840x2160 @30Hz in a very flexible TPE cable sheath.**

- Supports 3D video transmission
- HDMI Ethernet Channel
- Audio return channel for signal forwarding to the audio/video receiver
- Cable with HDMI plug on both sides
- Improved cable shielding
- Elastic and very flexible thanks to TPE outer sheath- best properties for cable ducts and similar applications where not much space is available
- Material: TPE (Thermoplastic Elastomer)



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| | Order-No. | P.U. |
|---|---|---|
| ROLINE HDMI High Speed Cable + Ethernet, TPE, black, 1 m | 11.04.5930 | 10 |
| ROLINE HDMI High Speed Cable + Ethernet, TPE, black, 1.5 m | 11.04.5931 | 10 |
| ROLINE HDMI High Speed Cable + Ethernet, TPE, black, 2 m | 11.04.5932 | 10 |
| ROLINE HDMI High Speed Cable + Ethernet, TPE, black, 3 m | 11.04.5933 | 10 |
| ROLINE HDMI High Speed Cable + Ethernet, TPE, black, 5 m | 11.04.5934 | 10 |
| ROLINE HDMI High Speed Cable + Ethernet, TPE, black, 7.5 m | 11.04.5935 | 10 |
| ROLINE HDMI High Speed Cable + Ethernet, TPE, black, 10 m | 11.04.5936 | 5 |

## VALUE HDMI High Speed Cables + Ethernet, Type C/D

2K 1080p FULL HD 3D capable

**For the connection of e. g. mobile phones, smart phones, PDAs, digital cameras.**

- Video resolution: 1920 x 1080 Pixel
- Connectors:
  HDMI Type A M to HDMI Type C (Mini HDMI) M
  HDMI Type A M to HDMI Type D (Micro HDMI) M
- Quality cable with gold plated contacts for enhanced durability




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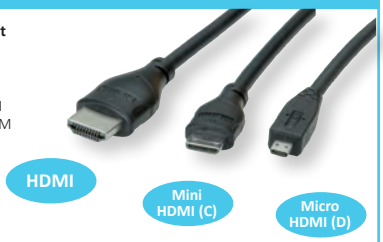
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|---|---|---|
| VALUE HDMI High Speed Cable + Ethernet, A - C, M/M, 0.8 m | 11.99.5578 | 10 |
| VALUE HDMI High Speed Cable + Ethernet, A - C, M/M, 2 m | 11.99.5580 | 10 |
| VALUE HDMI High Speed Cable + Ethernet, A - D, M/M, 0.8 m | 11.99.5579 | 10 |
| VALUE HDMI High Speed Cable + Ethernet, A - D, M/M, 2 m | 11.99.5581 | 10 |

## ROLINE HDMI High Speed Cables + Ethernet, Type C/D

2K 1080p FULL HD 3D capable

**For the connection of e. g. mobile phones, smart phones, PDAs, digital cameras.**

- Video resolution: 1920 x 1080 Pixel
- Connectors:
  HDMI Type A M to HDMI Type C (Mini HDMI) M
  HDMI Type A M to HDMI Type D (Micro HDMI) M
- Quality cable with improved shielding




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| | Order-No. | P.U. |
|---|---|---|
| ROLINE HDMI High Speed Cable + Ethernet, A - C, M/M, 0.8 m | 11.04.5568 | 10 |
| ROLINE HDMI High Speed Cable + Ethernet, A - C, M/M, 2 m | 11.04.5580 | 10 |
| ROLINE HDMI High Speed Cable + Ethernet, A - D, M/M, 0.8 m | 11.04.5569 | 10 |
| ROLINE HDMI High Speed Cable + Ethernet, A - D, M/M, 2 m | 11.04.5581 | 10 |

## VALUE HDMI Ultra HD Cables + Ethernet

4K | 2160p UHD–1 | 3D capable

**High-quality HDMI connection cable with HDMI connectors for optimal transmission of digital HDTV signals at data rates up to 18 Gbit/s (600MHz). For the transmission of films in digital cinema-quality, with a resolution of up to 3840x2160 @60Hz!**

- HDMI Ethernet Channel- Adds high-speed networking to an HDMI link, allowing users to take full advantage of their IP-enabled devices without a separate ethernet cable
- Audio Return Channel- Allows an HD-MI-connected TV with a built-in tuner to send audio data „upstream“ to a surround audio system, eliminating the need for a separate audio cable
- 3D- Defines input/output protocols for major 3D video formats
- High quality cable with a gold plated metal connector housing and shell for better shielding
- Gold plated contacts for higher durability



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| | Order-No. | P.U. |
|---|---|---|
| VALUE HDMI Ultra HD Cable + Ethernet, M/M, black, 1 m | 11.99.5680 | 10 |
| VALUE HDMI Ultra HD Cable + Ethernet, M/M, black, 1.5 m | 11.99.5688 | 10 |
| VALUE HDMI Ultra HD Cable + Ethernet, M/M, black, 2 m | 11.99.5681 | 10 |
| VALUE HDMI Ultra HD Cable + Ethernet, M/M, black, 3 m | 11.99.5682 | 10 |
| VALUE HDMI Ultra HD Cable + Ethernet, M/M, black, 5 m | 11.99.5683 | 10 |

## ROLINE HDMI Ultra HD Cables + Ethernet

4K | 2160p UHD–1 | 3D capable

**High-quality HDMI connection cable with HDMI connectors for optimal transmission of digital HDTV signals at data rates up to 18 Gbit/s (600MHz). For the transmission of films in digital cinema-quality, with a resolution of up to 3840x2160 @60Hz!**

- HDMI Ethernet Channel- Adds high-speed networking to an HDMI link, allowing users to take full advantage of their IP-enabled devices without a separate ethernet cable
- Audio Return Channel- Allows an HD-MI-connected TV with a built-in tuner to send audio data „upstream“ to a surround audio system, eliminating the need for a separate audio cable
- 3D- Defines input/output protocols for major 3D video formats
- High quality cable with golden metal connector housing and shell for better shielding
- Gold plated contacts for higher durability



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| | Order-No. | P.U. |
|---|---|---|
| ROLINE HDMI Ultra HD Cable + Ethernet, M/M, black, 1 m | 11.04.5680 | 10 |
| ROLINE HDMI Ultra HD Cable + Ethernet, M/M, black, 1.5 m | 11.04.5688 | 10 |
| ROLINE HDMI Ultra HD Cable + Ethernet, M/M, black, 2 m | 11.04.5681 | 10 |
| ROLINE HDMI Ultra HD Cable + Ethernet, M/M, black, 3 m | 11.04.5682 | 10 |
| ROLINE HDMI Ultra HD Cable + Ethernet, M/M, black, 5 m | 11.04.5683 | 10 |
| ROLINE HDMI Ultra HD Cable + Ethernet, M/M, black, 7.5 m | 11.04.5684 | 10 |
| ROLINE HDMI Ultra HD Cable + Ethernet, M/M, black, 10 m | 11.04.5685 | 10 |
| ROLINE HDMI Ultra HD Cable + Ethernet, M/M, black, 15 m | 11.04.5686 | 10 |
| ROLINE HDMI Ultra HD Cable + Ethernet, M/M, black, 20 m | 11.04.5687 | 10 |

## ROLINE HDMI Ultra HD Cable + Ethernet, Active

4K | 2160p UHD–1 | 3D capable

**High-quality HDMI connection cable with HDMI connectors for optimal transmission of digital HDTV signals at data rates up to 18 Gbit/s (600MHz). For the transmission of films in digital cinema-quality, with a resolution of up to 3840x2160 @60Hz!**

- HDMI Ethernet Channel- Adds high-speed networking to an HDMI link, allowing users to take full advantage of their IP-enabled devices without a separate ethernet cable
- Audio Return Channel- Allows an HD-MI-connected TV with a built-in tuner to send audio data „upstream“ to a surround audio system, eliminating the need for a separate audio cable
- 3D- Defines input/output protocols for major 3D video formats
- Cable with HDMI male connector on both sides
- High quality cable with golden plated shell
- Gold plated contacts for higher durability



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| | Order-No. | P.U. |
|---|---|---|
| ROLINE HDMI Ultra HD Cable + Ethernet, active, M/M, black, 1 m | 11.04.5910 | 20 |
| ROLINE HDMI Ultra HD Cable + Ethernet, active, M/M, black, 1.5 m | 11.04.5911 | 20 |
| ROLINE HDMI Ultra HD Cable + Ethernet, active, M/M, black, 2 m | 11.04.5912 | 15 |
| ROLINE HDMI Ultra HD Cable + Ethernet, active, M/M, black, 3 m | 11.04.5913 | 15 |
| ROLINE HDMI Ultra HD Cable + Ethernet, active, M/M, black, 5 m | 11.04.5915 | 10 |

## ROLINE PREMIUM HDMI Ultra HD Cables + Ethernet

4K | 2160p UHD–1 | 3D capable

- HDMI Ethernet Channel- Adds high-speed networking to an HDMI link, allowing users to take full advantage of their IP-enabled devices without a separate ethernet cable
- Audio Return Channel- Allows an HD-MI-connected TV with a built-in tuner to send audio data „upstream“ to a surround audio system, eliminating the need for a separate audio cable
- 3D- Defines input/output protocols for major 3D video formats
- 4k support- Enables video resolutions up to 2160p60 far beyond 1080p, supporting next-generation displays
- Cable with HDMI male connector on both sides
- High quality cable with golden metal connector housing and shell for better shielding
- Gold plated contacts for higher durability



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HDMI PREMIUM Certified Cable

| | Order-No. | P.U. |
|---|---|---|
| ROLINE PREMIUM HDMI Ultra HD Cable + Ethernet, M/M, 1 m | 11.04.5801 | 10 |
| ROLINE PREMIUM HDMI Ultra HD Cable + Ethernet, M/M, 2 m | 11.04.5802 | 10 |
| ROLINE PREMIUM HDMI Ultra HD Cable + Ethernet, M/M, 3 m | 11.04.5803 | 10 |
| ROLINE PREMIUM HDMI Ultra HD Cable + Ethernet, M/M, 4.5 m | 11.04.5804 | 10 |
| ROLINE PREMIUM HDMI Ultra HD Cable + Ethernet, M/M, 7.5 m | 11.04.5805 | 5 |
| ROLINE PREMIUM HDMI Ultra HD Cable + Ethernet, M/M, 9 m | 11.04.5806 | 5 |

## VALUE HDMI Ultra HD Cable + Ethernet, M/M, Resistant Plug

4K | 2160p UHD-1 | 3D capable

**HDMI UHD cable for optimal transmission of films, with a resolution of up to 3840x2160 @60Hz! The metal connector housing comes with mechanical resistance to increase the cables tensile strength!**

- HDMI Ethernet Channel- Adds high-speed networking to an HDMI link, allowing users to take full advantage of their IP-enabled devices without a separate ethernet cable
- Audio Return Channel- Allows an HDMI-connected TV with a built-in tuner to send audio data „upstream“ to a surround audio system, eliminating the need for a separate audio cable
- 3D- Defines input/output protocols for major 3D video formats
- Cable with HDMI male connector on both sides
- High quality cable with a gold plated metal connector housing and shell for better shielding
- Gold plated contacts for higher durability



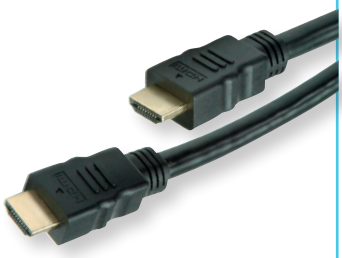
| | Order-No. | P.U. |
|---|---|---|
| VALUE HDMI Ultra HD Cable + Ethernet, M/M, Resistant Plug, black, 1 m | 11.99.5690 | 30 |
| VALUE HDMI Ultra HD Cable + Ethernet, M/M, Resistant Plug, black, 1.5 m | 11.99.5691 | 30 |
| VALUE HDMI Ultra HD Cable + Ethernet, M/M, Resistant Plug, black, 2 m | 11.99.5692 | 30 |
| VALUE HDMI Ultra HD Cable + Ethernet, M/M, Resistant Plug, black, 3 m | 11.99.5693 | 20 |
| VALUE HDMI Ultra HD Cable + Ethernet, M/M, Resistant Plug, black, 5 m | 11.99.5694 | 20 |
| VALUE HDMI Ultra HD Cable + Ethernet, M/M, Resistant Plug, black, 7.5 m | 11.99.5695 | 10 |
| VALUE HDMI Ultra HD Cable + Ethernet, M/M, Resistant Plug, black, 10 m | 11.99.5696 | 10 |

## VALUE HDMI 8K (7680 x 4320) Ultra HD Cables + Ethernet

8K | 4320p UHD-2 | 3D capable

**High quality HDMI cable with HDMI connectors for optimal transmission of digital UHD signals at very high data rates. For transfer of films in digital cinema quality with up to 8K at 60Hz.**

- HDMI Ethernet Channel- Adds high-speed networking to an HDMI link, allowing users to take full advantage of their IP-enabled devices without a separate ethernet cable
- Audio Return Channel- Allows a HDMI-connected TV with a built-in tuner to send audio data „upstream“ to a surround audio system, eliminating the need for a separate audio cable
- 3D- Defines input/output protocols for major 3D video formats
- 8k support- Enables video resolutions up to 4320p @60Hz far beyond 1080p, supporting next-generation displays
- Cable with HDMI male connector on both sides
- High quality cable with golden metal connector housing and shell for better shielding
- Gold plated contacts for higher durability



| | Order-No. | P.U. |
|---|---|---|
| VALUE HDMI 8K (7680 x 4320) Ultra HD Cable + Ethernet, M/M, black, 1 m | 11.99.5901 | 10 |
| VALUE HDMI 8K (7680 x 4320) Ultra HD Cable + Ethernet, M/M, black, 2 m | 11.99.5902 | 10 |
| VALUE HDMI 8K (7680 x 4320) Ultra HD Cable + Ethernet, M/M, black, 3 m | 11.99.5903 | 10 |

## ROLINE HDMI 8K (7680 x 4320) Ultra HD Cables + Ethernet

8K | 4320p UHD-2 | 3D capable

**High quality HDMI cable with HDMI connectors for optimal transmission of digital UHD signals at data rates up to 35.8 Gbit/s. For transfer of films in digital cinema quality with up to 8K at 60Hz.**

- HDMI Ethernet Channel- Adds high-speed networking to an HDMI link, allowing users to take full advantage of their IP-enabled devices without a separate ethernet cable
- Audio Return Channel- Allows a HDMI-connected TV with a built-in tuner to send audio data „upstream“ to a surround audio system, eliminating the need for a separate audio cable
- 3D- Defines input/output protocols for major 3D video formats
- 8k support- Enables video resolutions up to 4320p @60Hz far beyond 1080p, supporting next-generation displays
- Cable with HDMI male connector on both sides
- High quality cable with golden metal connector housing and shell for better shielding
- Gold plated contacts for higher durability



| | Order-No. | P.U. |
|---|---|---|
| ROLINE HDMI 8K (7680 x 4320) Ultra HD Cable + Ethernet, M/M, red, 1 m | 11.04.5901 | 10 |
| ROLINE HDMI 8K (7680 x 4320) Ultra HD Cable + Ethernet, M/M, red, 2 m | 11.04.5902 | 10 |
| ROLINE HDMI 8K (7680 x 4320) Ultra HD Cable + Ethernet, M/M, red, 3 m | 11.04.5903 | 10 |
| ROLINE HDMI 8K (7680 x 4320) Ultra HD Cable + Ethernet, M/M, red, 5 m | 11.04.5905 | 10 |

## VALUE / ROLINE HDMI 10K Ultra High Speed Cables

10K | 7760p UHS

**High quality HDMI cable with resolutions up to 10K (10240 x 4320) at 30Hz!**

- Supports a resolution of up to 10240x4320 pixels at a refresh rate of up to 30Hz!
- Maximum resolutions: 10K (10240x4320) @30Hz; 8K (7680x4320) @30Hz; 5K (5120x2880) @120Hz; 4K (3840x2160) @240Hz
- Dynamic HDR for particularly rich colours
- Display Stream Compression (DSC) 1.2 at particularly high resolutions on from 8K
- Variable refresh rate (VRR), to eliminate delays and jerky images
- Supports 3D video output
- Gold-plated contacts for secure data transmission



| | Order-No. | P.U. |
|---|---|---|
| VALUE HDMI 10K Ultra High Speed Cable, M/M, black, 1 m | 11.99.5940 | 10 |
| VALUE HDMI 10K Ultra High Speed Cable, M/M, black, 1.5 m | 11.99.5941 | 10 |
| VALUE HDMI 10K Ultra High Speed Cable, M/M, black, 2 m | 11.99.5942 | 10 |
| VALUE HDMI 10K Ultra High Speed Cable, M/M, black, 3 m NEW | 11.99.5943 | 10 |

| | Order-No. | P.U. |
|---|---|---|
| ROLINE HDMI 10K Ultra High Speed Cable, M/M, black, 1 m | 11.04.5940 | 10 |
| ROLINE HDMI 10K Ultra High Speed Cable, M/M, black, 1.5 m | 11.04.5941 | 10 |
| ROLINE HDMI 10K Ultra High Speed Cable, M/M, black, 2 m | 11.04.5942 | 10 |
| ROLINE HDMI 10K Ultra High Speed Cable, M/M, black, 3 m | 11.04.5943 | 10 |
| ROLINE HDMI 10K Ultra High Speed Cable, M/M, black, 5 m | 11.04.5944 | 10 |

## VALUE DisplayPort Cables, DP-DP

4K 2160p ULTRA HD



**VALUE DisplayPort Cable with DP connection on both sides for connecting an Ultrabook, Notebook/Laptop or PC to a monitor, TV or projector - for screen transmissions in excellent quality with resolutions of up to 3840x2160 @60Hz!**

- DisplayPort is a universal connection standard for the transmission of picture and sound signals. Applications include mainly the connection of monitors and televisions to computers, BluRay players and similar devices.
- The connector requires less space and is therefore more suitable for portable display devices (ultrabooks, notebooks/laptops) or for 2 connectors on a graphics card (on a slot plate).
- The practical plug design prevents the cable from slipping out of the DisplayPort socket.
- Compliant DP v1.2 (max. 3840 x 2160 @60Hz)

Value

| | Order-No. | P.U. |
|---|---|---|
| VALUE DisplayPort Cable, DP-DP, M/M, black, 1 m | 11.99.5601 | 20 |
| VALUE DisplayPort Cable, DP-DP, M/M, black, 1.5 m | 11.99.5629 | 20 |
| VALUE DisplayPort Cable, DP-DP, M/M, black, 2 m | 11.99.5602 | 10 |
| VALUE DisplayPort Cable, DP-DP, M/M, black, 3 m | 11.99.5603 | 10 |
| VALUE DisplayPort Cable, DP-DP, M/M, black, 5 m | 11.99.5605 | 10 |
| VALUE DisplayPort Cable, DP-DP, M/M, black, 7.5 m | 11.99.5604 | 6 |
| VALUE DisplayPort Cable, DP-DP, M/M, black, 10 m | 11.99.5609 | 5 |

*Halogenfree Flame Retardant Low Smoke

| | Order-No. | P.U. |
|---|---|---|
| VALUE DisplayPort Cable, DP-DP, LSOH, M/M, 1 m | 11.99.5761 | 20 |
| VALUE DisplayPort Cable, DP-DP, LSOH, M/M, 1.5 m | 11.99.5767 | 20 |
| VALUE DisplayPort Cable, DP-DP, LSOH, M/M, 2 m | 11.99.5762 | 10 |
| VALUE DisplayPort Cable, DP-DP, LSOH, M/M, 3 m | 11.99.5763 | 10 |
| VALUE DisplayPort Cable, DP-DP, LSOH, M/M, 5 m | 11.99.5764 | 10 |
| VALUE DisplayPort Cable, DP-DP, LSOH, M/M, 7.5 m | 11.99.5765 | 10 |
| VALUE DisplayPort Cable, DP-DP, LSOH, M/M, 10 m | 11.99.5766 | 5 |

## ROLINE DisplayPort Cables, DP-DP

4K 2160p ULTRA HD



**ROLINE DisplayPort Cable with DP connection on both sides for connecting an Ultrabook, Notebook/Laptop or PC to a monitor, TV or projector - for screen transmissions in excellent quality with resolutions of up to 3840x2160 @60Hz!**

- DisplayPort is a universal connection standard for the transmission of picture and sound signals. Applications include mainly the connection of monitors and televisions to computers, BluRay players and similar devices.
- The connector requires less space and is therefore more suitable for portable display devices (ultrabooks, notebooks/laptops) or for 2 connectors on a graphics card (on a slot plate).
- The practical plug design prevents the cable from slipping out of the DisplayPort socket.
- Compliant DP v1.2 (max. 3840 x 2160 @60Hz)

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| | Order-No. | P.U. |
|---|---|---|
| ROLINE DisplayPort Cable, DP-DP, M/M, black, 1 m | 11.04.5601 | 20 |
| ROLINE DisplayPort Cable, DP-DP, M/M, black, 1.5 m | 11.04.5629 | 20 |
| ROLINE DisplayPort Cable, DP-DP, M/M, black, 2 m | 11.04.5602 | 20 |
| ROLINE DisplayPort Cable, DP-DP, M/M, black, 3 m | 11.04.5603 | 20 |
| ROLINE DisplayPort Cable, DP-DP, M/M, black, 5 m | 11.04.5605 | 10 |
| ROLINE DisplayPort Cable, DP-DP, M/M, black, 7.5 m | 11.04.5604 | 10 |
| ROLINE DisplayPort Cable, DP-DP, M/M, black, 10 m | 11.04.5609 | 5 |

*Halogenfree Flame Retardant Low Smoke

| | Order-No. | P.U. |
|---|---|---|
| ROLINE DisplayPort Cable, DP-DP, LSOH, M/M, 1 m | 11.04.5761 | 20 |
| ROLINE DisplayPort Cable, DP-DP, LSOH, M/M, 1.5 m | 11.04.5767 | 20 |
| ROLINE DisplayPort Cable, DP-DP, LSOH, M/M, 2 m | 11.04.5762 | 20 |
| ROLINE DisplayPort Cable, DP-DP, LSOH, M/M, 3 m | 11.04.5763 | 20 |
| ROLINE DisplayPort Cable, DP-DP, LSOH, M/M, 5 m | 11.04.5764 | 10 |
| ROLINE DisplayPort Cable, DP-DP, LSOH, M/M, 7.5 m | 11.04.5765 | 10 |
| ROLINE DisplayPort Cable, DP-DP, LSOH, M/M, 10 m | 11.04.5766 | 5 |

## ROLINE DisplayPort Cables, DP-DP, v1.2

4K

**For the connection of e. g. mobile phones / smartphones or digital cameras / DSLRs.**

- Cable with DisplayPort male connector on both sides
- Double shielded
- High quality cable with golden shell for better shielding
- Gold plated contacts for enhanced durability
- Nylon-reinforced outer material for a better stability



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| | Order-No. | P.U. |
|---|---|---|
| ROLINE DisplayPort Cable, DP-DP, v1.2, M/M, 1 m | 11.04.5880 | 20 |
| ROLINE DisplayPort Cable, DP-DP, v1.2, M/M, 1.5 m | 11.04.5886 | 20 |
| ROLINE DisplayPort Cable, DP-DP, v1.2, M/M, 2 m | 11.04.5881 | 20 |
| ROLINE DisplayPort Cable, DP-DP, v1.2, M/M, 3 m | 11.04.5882 | 20 |
| ROLINE DisplayPort Cable, DP-DP, v1.2, M/M, 5 m | 11.04.5883 | 10 |

## VALUE / ROLINE DisplayPort Cables, v1.4, DP-DP

8K

**DisplayPort Cables with DP connection on both sides for connecting an Ultrabook, Notebook/Laptop or PC to a monitor, TV or projector - for screen transmissions in excellent quality with resolutions of up to 7680x4320 @30Hz!**

- The practical plug design prevents the cable from slipping out of the DisplayPort socket.
- Compliant to DP v1.4 (max. 7680x4320 @30Hz)



Value

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| | | Order-No. | P.U. |
|---|---|---|---|
| VALUE DisplayPort Cable, v1.4, DP-DP, M/M, black, 1 m | | 11.99.5810 | 20 |
| VALUE DisplayPort Cable, v1.4, DP-DP, M/M, black, 1.5 m | NEW | 11.99.5798 | 20 |
| VALUE DisplayPort Cable, v1.4, DP-DP, M/M, black, 2 m | | 11.99.5811 | 10 |
| VALUE DisplayPort Cable, v1.4, DP-DP, M/M, black, 3 m | | 11.99.5812 | 10 |

| | Order-No. | P.U. |
|---|---|---|
| ROLINE DisplayPort Cable, v1.4, DP-DP, M/M, black, 1 m | 11.04.5810 | 20 |
| ROLINE DisplayPort Cable, v1.4, DP-DP, M/M, black, 1.5 m | 11.04.5798 | 20 |
| ROLINE DisplayPort Cable, v1.4, DP-DP, M/M, black, 2 m | 11.04.5811 | 10 |
| ROLINE DisplayPort Cable, v1.4, DP-DP, M/M, black, 3 m | 11.04.5812 | 10 |
| ROLINE DisplayPort Cable, v1.4, DP-DP, M/M, black, 5 m | 11.04.5813 | 10 |

## VALUE DisplayPort Cables, DP - Mini DP

2K 1600p

DisplayPort is a digital display interface standard that defines a new digital audio/video interconnection. The intension of the DisplayPort is to be used primarily between a computer and its display monitor, or a computer and a home-theater. The DisplayPort and the HDMI signal are compatible.

- Cable with DisplayPort male to Mini DisplayPort male (e.g. for MAC)
- **Compliant DP v1.1**



| | Order-No. – P.U. |
|---|---|
| VALUE DisplayPort Cable, DP - Mini DP, M/M, black, 1 m | 11.99.5634 – 20 |
| VALUE DisplayPort Cable, DP - Mini DP, M/M, black, 1.5 m | 11.99.5638 – 20 |
| VALUE DisplayPort Cable, DP - Mini DP, M/M, black, 2 m | 11.99.5635 – 20 |
| VALUE DisplayPort Cable, DP - Mini DP, M/M, black, 3 m | 11.99.5636 – 20 |
| VALUE DisplayPort Cable, DP - Mini DP, M/M, black, 5 m | 11.99.5637 – 10 |

## ROLINE DisplayPort Cables, DP - Mini DP

2K 1600p

DisplayPort is a digital display interface standard that defines a new digital audio/video interconnection. The intension of the DisplayPort is to be used primarily between a computer and its display monitor, or a computer and a home-theater. The DisplayPort and the HDMI signal are compatible.

- Cable with DisplayPort male to Mini DisplayPort male (e.g. for MAC)
- **Compliant DP v1.1**



| | Order-No. – P.U. |
|---|---|
| ROLINE DisplayPort Cable, DP - Mini DP, M/M, black, 1 m | 11.04.5634 – 20 |
| ROLINE DisplayPort Cable, DP - Mini DP, M/M, black, 1.5 m | 11.04.5638 – 20 |
| ROLINE DisplayPort Cable, DP - Mini DP, M/M, black, 2 m | 11.04.5635 – 20 |
| ROLINE DisplayPort Cable, DP - Mini DP, M/M, black, 3 m | 11.04.5636 – 20 |
| ROLINE DisplayPort Cable, DP - Mini DP, M/M, black, 5 m | 11.04.5637 – 10 |

## ROLINE DisplayPort Cables, Mini DP - Mini DP

2K 1600p

DisplayPort is a digital display interface standard that defines a new digital audio/video interconnection. The intension of the DisplayPort is to be used primarily between a computer and its display monitor, or a computer and a home-theater.

- **Compliant DP v1.1**



| | Order-No. – P.U. |
|---|---|
| ROLINE DisplayPort Cable, Mini DP - Mini DP, M/M, 2 m | 11.04.5640 – 20 |
| ROLINE DisplayPort Cable, Mini DP - Mini DP, M/M, 3 m | 11.04.5641 – 20 |

## ROLINE Mini DisplayPort Cables, v1.4, mDP-DP

8K 4320p

**ROLINE DisplayPort cable with a Mini DP and a DP connector for connecting an ultrabook, notebook/laptop or PC to a monitor, TV or projector - for screen transmissions in excellent quality with a resolution of up to 7680x4320 @30Hz!**

- The practical plug design prevents the cable from slipping out of the DisplayPort socket.
- Compliant to DP v1.4 (max. 7680x4320 @30Hz)

- DisplayPort is a universal connection standard for the transmission of picture and sound signals. Applications include mainly the connection of monitors and televisions to computers, BluRay players and similar devices.
- The connector requires less space and is therefore more suitable for portable display devices (ultrabooks, notebooks/laptops) or for 2 connectors on a graphics card (on a slot plate).



| | Order-No. – P.U. |
|---|---|
| ROLINE Mini DisplayPort Cable, v1.4, mDP-DP, M/M, black, 1 m | 11.04.5814 – 20 |
| ROLINE Mini DisplayPort Cable, v1.4, mDP-DP, M/M, black, 2 m | 11.04.5815 – 10 |

## ROLINE Mini DisplayPort Cables, v1.4, mDP-mDP

8K 4320p

**ROLINE DisplayPort Cable with Mini DP connection on both sides for connecting an Ultrabook, Notebook/Laptop or PC to a monitor, TV or projector - for screen transmissions in excellent quality with resolutions of up to 7680x4320 @30Hz!**

- The connector requires less space and is therefore more suitable for portable display devices (ultrabooks, notebooks/laptops) or for 2 connectors on a graphics card (on a slot plate).
- Compliant to DP v1.4 (max. 7680 x 4320 @30Hz)

- DisplayPort is a universal connection standard for the transmission of picture and sound signals. Applications include mainly the connection of monitors and televisions to computers, BluRay players and similar devices.



| | Order-No. – P.U. |
|---|---|
| ROLINE Mini DisplayPort Cable, v1.4, mDP-mDP, M/M, black, 1 m | 11.04.5817 – 20 |
| ROLINE Mini DisplayPort Cable, v1.4, mDP-mDP, M/M, black, 2 m | 11.04.5818 – 10 |

## ROLINE DisplayPort Cables, v1.4, DP-DP, SLIM

8K 4320p

**ROLINE DisplayPort Cable with DP connection on both sides for connecting an Ultrabook, Notebook/Laptop or PC to a monitor, TV or projector - for screen transmissions in excellent quality with resolutions of up to 7680x4320 @60Hz!**

- This particular cable has a slim outer diameter to allow an even more flexible wiring and on the go usage
- The red connector fillings mark the cable as a high quality product and may help to identify it fast in an environment with a lot of different DisplayPort cables
- Compliant DP v1.4 (max. 7680 x 4320 @60Hz)

- DisplayPort v1.4 supports Display Stream Compression 1.2a (DSC), Forward Error Correction and the HDR10 standard.
- DP v1.4 can reach a maximum resolution of 8K (7680x4320) @60Hz or 4K (3840x2160) @120Hz
- The practical plug design prevents the cable from slipping out of the DisplayPort socket and guarantees a stable audio and video transmission.




| | Order-No. – P.U. |
|---|---|
| ROLINE DisplayPort Cable, v1.4, DP-DP, M/M, SLIM, black, 1 m | 11.04.5960 – 10 |
| ROLINE DisplayPort Cable, v1.4, DP-DP, M/M, SLIM, black, 1.5 m | 11.04.5961 – 10 |

## ROLINE Thunderbolt™ 3 Cable, 40G, 5A, M/M

5K 2880p

**Thunderbolt 3 cables with the USB Type C connector offer you the currently highest possible data transfer rate of up to 40GBit/s (20GBit/s for 1m and 2m) and full Power Delivery support (PD up to 20V 5A / 100W)! The cables also feature DP mode for particularly high-resolution image and sound transmission of up to 5120x2880 @60Hz (5K).**

- Thunderbolt protocols allow maximum data transfer rates of up to 40GBit/s (20GBit/s for 1m and 2m)
- DP mode for connecting a monitor with USB Type C / Thunderbolt 3 connector, with a maximum resolution of 5120x2880 (5K)
- One of the best applications is to connect your Thunderbolt 3 cable with a Thunderbolt device like a corresponding MacBook and matching USB Type C monitor; If Thunderbolt 3 is supported, the full 5K resolution is possible (4K, 3840x2160 @60Hz with USB 3.1 support) and your device gets powered at the same time
- Supports USB Power Delivery up to 20V 5A / 100W, for powering your Macbook, Ultrabook or notebook/ laptop
- High-quality cable with improved shielding
- With reversible USB type C connector at both ends
- Gold plated contacts for low wear at high mating cycles




**Thunderbolt and the Thunderbolt logo are trademarks of Intel Corporation in the U.S. and/or other countries.**



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| | Order-No. | P.U. |
|---|---|---|
| ROLINE Thunderbolt™ 3 Cable, 40G, 5A, M/M, black, 0.5 m | 11.02.9040 | 10 |
| ROLINE Thunderbolt™ 3 Cable, 20G, 5A, M/M, black, 1 m | 11.02.9041 | 10 |
| ROLINE Thunderbolt™ 3 Cable, 20G, 5A, M/M, black, 2 m | 11.02.9042 | 10 |

## VALUE / ROLINE DisplayPort Cable, DP-DVI (24+1)

**Connect your graphics card to a monitor with DVI connection via DisplayPort - with a maximum resolution of up to 1920x1080 @60Hz!**

- DVI is the standard for digital video transmission in the computer sector.
- Display Port is the new standard for digital audio/ video transmission in the TV and multimedia sector, e. g. for connecting a monitor with DVI interface to a graphic card with DisplayPort connection. The DisplayPort is signal compatible to DVI.
- Cable with one DisplayPort connector and one DVI connector
- Compliant DP v1.1 (max. 1920 x 1080 / 1920 x 1200 @60Hz)

**Remark: The DisplayPort to DVI cable is only working in one direction: the DisplayPort plug has to be connected to the source device (e.g. graphic card)**

2K 1080p FULL HD *Halogenfree Flame Retardant Low Smoke

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Value®



| | Order-No. | P.U. |
|---|---|---|
| VALUE DisplayPort Cable, DP-DVI (24+1), M/M, black, 1.0 m | 11.99.5613 | 10 |
| VALUE DisplayPort Cable, DP-DVI (24+1), M/M, black, 1.5 m | 11.99.5619 | 10 |
| VALUE DisplayPort Cable, DP-DVI (24+1), M/M, black, 2.0 m | 11.99.5610 | 10 |
| VALUE DisplayPort Cable, DP-DVI (24+1), M/M, black, 5.0 m | 11.99.5612 | 10 |
| VALUE DisplayPort Cable, DP-DVI (24+1), M/M, black, 3.0 m | 11.99.5611 | 10 |
| VALUE DisplayPort Cable, DP-DVI (24+1), LSOH*, M/M, black, 1.0 m | 11.99.5614 | 10 |
| VALUE DisplayPort Cable, DP-DVI (24+1), LSOH*, M/M, black, 1.5 m | 11.99.5608 | 10 |
| VALUE DisplayPort Cable, DP-DVI (24+1), LSOH*, M/M, black, 2.0 m | 11.99.5615 | 10 |
| VALUE DisplayPort Cable, DP-DVI (24+1), LSOH*, M/M, black, 3.0 m | 11.99.5616 | 10 |
| VALUE DisplayPort Cable, DP-DVI (24+1), LSOH*, M/M, black, 5.0 m | 11.99.5617 | 10 |

| | Order-No. | P.U. |
|---|---|---|
| ROLINE DisplayPort Cable, DP-DVI (24+1), M/M, black, 1.0 m | 11.04.5613 | 10 |
| ROLINE DisplayPort Cable, DP-DVI (24+1), M/M, black, 1.5 m | 11.04.5619 | 10 |
| ROLINE DisplayPort Cable, DP-DVI (24+1), M/M, black, 2.0 m | 11.04.5610 | 10 |
| ROLINE DisplayPort Cable, DP-DVI (24+1), M/M, black, 3.0 m | 11.04.5611 | 10 |
| ROLINE DisplayPort Cable, DP-DVI (24+1), M/M, black, 5.0 m | 11.04.5612 | 10 |
| ROLINE DisplayPort Cable, DP-DVI (24+1), LSOH*, M/M, black, 1.0 m | 11.04.5771 | 20 |
| ROLINE DisplayPort Cable, DP-DVI (24+1), LSOH*, M/M, black, 1.5 m | 11.04.5775 | 20 |
| ROLINE DisplayPort Cable, DP-DVI (24+1), LSOH*, M/M, black, 2.0 m | 11.04.5772 | 20 |
| ROLINE DisplayPort Cable, DP-DVI (24+1), LSOH*, M/M, black, 3.0 m | 11.04.5773 | 20 |
| ROLINE DisplayPort Cable, DP-DVI (24+1), LSOH*, M/M, black, 5.0 m | 11.04.5774 | 10 |

## VALUE / ROLINE (Mini-) DisplayPort - VGA Cable, (Mini-) DP - VGA

**Mini DisplayPort to VGA cable for connecting a graphics card with MiniDP to a monitor with VGA connector - with a resolution of up to 1920x1080@60Hz!**

- For connecting a graphic card with Mini DisplayPort connector to a VGA monitor
- Supports maximum resolutions of up to 1920x1080 @60Hz
- The lock mechanisms of VGA prevent the plugs from slipping out of the source/display and secure the connection
- Connectors: Mini DisplayPort Male and VGA Male

**• Remark: The Mini DisplayPort-VGA cable is only working in one direction: the Mini DisplayPort plug has to be connected to the source device (e.g. graphic card)**



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2K 1080p FULL HD

| | Order-No. | P.U. |
|---|---|---|
| VALUE Cable DisplayPort - VGA, M / M, black, 1 m | 11.99.5800 | 20 |
| VALUE Cable DisplayPort - VGA, M / M, black, 1.5 m | 11.99.5801 | 15 |
| VALUE Cable DisplayPort - VGA, M / M, black, 2 m | 11.99.5802 | 10 |
| VALUE Cable DisplayPort - VGA, M / M, black, 3 m | 11.99.5803 | 10 |
| VALUE Cable DisplayPort - VGA, M / M, black, 5 m | 11.99.5804 | 10 |
| VALUE Cable MiniDisplayPort - VGA, Mini DP M - VGA M, black, 1 m | 11.99.5805 | 20 |
| VALUE Cable MiniDisplayPort - VGA, Mini DP M - VGA M, black, 1.5 m | 11.99.5806 | 15 |
| VALUE Cable MiniDisplayPort - VGA, Mini DP M - VGA M, black, 2 m | 11.99.5807 | 10 |
| VALUE Cable MiniDisplayPort - VGA, Mini DP M - VGA M, black, 3 m | 11.99.5808 | 10 |
| VALUE Cable MiniDisplayPort - VGA, Mini DP M - VGA M, black, 5 m | 11.99.5809 | 10 |

| | Order-No. | P.U. |
|---|---|---|
| ROLINE Cable MiniDisplayPort - VGA, Mini DP M - VGA M, black, 1 m | 11.04.5975 | 20 |
| ROLINE Cable MiniDisplayPort - VGA, Mini DP M - VGA M, black, 1.5 m | 11.04.5976 | 15 |
| ROLINE Cable MiniDisplayPort - VGA, Mini DP M - VGA M, black, 2 m | 11.04.5977 | 10 |
| ROLINE Cable MiniDisplayPort - VGA, Mini DP M - VGA M, black, 3 m | 11.04.5978 | 10 |
| ROLINE Cable MiniDisplayPort - VGA, Mini DP M - VGA M, black, 5 m | 11.04.5979 | 10 |
| ROLINE Cable DisplayPort - VGA, M / M, black, 1 m | 11.04.5970 | 20 |
| ROLINE Cable DisplayPort - VGA, M / M, black, 1.5 m | 11.04.5971 | 15 |
| ROLINE Cable DisplayPort - VGA, M / M, black, 2 m | 11.04.5972 | 10 |
| ROLINE Cable DisplayPort - VGA, M / M, black, 3 m | 11.04.5973 | 10 |
| ROLINE Cable DisplayPort - VGA, M / M, black, 5 m | 11.04.5974 | 10 |

## VALUE ROLINE Mini-/DisplayPort Cable, DP - HDTV

2K | 1080p FULL HD

**DisplayPort to HDTV cable for transferring content from your graphics card (DisplayPort) to your TV (HDTV) - with a quality of up to 1920x1080 @60Hz, incl. audio transmission!**

- HDTV is the standard for digital video transmission in the TV/multimedia sector for e. g.: Connection of a TV set with HDMI interface to a playback device with DisplayPort connection.
- Cable with one DisplayPort and one HDTV plug. DisplayPort is signal compatible with HDMI.
- Note: A DisplayPort HDTV cable can only be used in one direction: the DisplayPort connector can only be used on the data source side (e.g. graphics card).



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| | Order-No. | P.U. |
|---|---|---|
| VALUE DisplayPort Cable, DP - HDTV, M/M, black, 1 m | 11.99.5780 | 10 |
| VALUE DisplayPort Cable, DP - HDTV, M/M, black, 1.5 m | 11.99.5779 | 10 |
| VALUE DisplayPort Cable, DP - HDTV, M/M, black, 2 m | 11.99.5781 | 10 |
| VALUE DisplayPort Cable, DP - HDTV, M/M, black, 3 m | 11.99.5782 | 10 |
| VALUE DisplayPort Cable, DP - HDTV, M/M, black, 4.5 m | 11.99.5783 | 10 |
| VALUE DisplayPort Cable, DP - HDTV, M/M, black, 10 m | 11.99.5784 | 5 |
| VALUE Mini DisplayPort Cable, Mini DP-HDTV, M/M, black, 1 m | 11.99.5790 | 10 |
| VALUE Mini DisplayPort Cable, Mini DP-HDTV, M/M, black, 2 m | 11.99.5791 | 10 |
| VALUE Mini DisplayPort Cable, Mini DP-HDTV, M/M, black, 3 m | 11.99.5792 | 10 |
| VALUE Mini DisplayPort Cable, Mini DP-HDTV, M/M, black, 4.5 m | 11.99.5793 | 10 |

| | Order-No. | P.U. |
|---|---|---|
| ROLINE DisplayPort Cable, DP - HDTV, M/M, black, 1 m | 11.04.5780 | 10 |
| ROLINE DisplayPort Cable, DP - HDTV, M/M, black, 1.5 m | 11.04.5779 | 10 |
| ROLINE DisplayPort Cable, DP - HDTV, M/M, black, 2 m | 11.04.5781 | 10 |
| ROLINE DisplayPort Cable, DP - HDTV, M/M, black, 3 m | 11.04.5782 | 10 |
| ROLINE DisplayPort Cable, DP - HDTV, M/M, black, 4.5 m | 11.04.5783 | 10 |
| ROLINE Mini DisplayPort Cable, Mini DP-HDTV, M/M, black, 1 m | 11.04.5790 | 10 |
| ROLINE Mini DisplayPort Cable, Mini DP-HDTV, M/M, black, 1.5 m | 11.04.5789 | 10 |
| ROLINE Mini DisplayPort Cable, Mini DP-HDTV, M/M, black, 2 m | 11.04.5791 | 10 |
| ROLINE Mini DisplayPort Cable, Mini DP-HDTV, M/M, black, 3 m | 11.04.5792 | 10 |
| ROLINE Mini DisplayPort Cable, Mini DP-HDTV, M/M, black, 4.5 m | 11.04.5793 | 10 |

## VALUE / ROLINE DP/Mini DisplayPort Cable, DP/Mini DP-UHDTV

4K | 2160p UHD-1

**Mini DisplayPort to UHDTV cable for transferring content from your graphics card (DisplayPort) to your TV (UHDTV) - with a quality of up to 3840x2160 @60Hz, incl. audio transmission!**

- UHDTV is the standard for digital video transmission in the TV/multimedia sector for e. g.: Connection of a TV set with HDMI interface to a player with Mini DisplayPort connection.
- Cable with one Mini DisplayPort and one HDTV plug. DisplayPort is signal compatible with HDMI.
- Note: A DisplayPort UHDTV cable can only be used in one direction: the Mini DisplayPort connector can only be used on the data source side (e. g. graphics card, Macbook, Ultrabook, laptop/ notebook or PC).



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| | Order-No. | P.U. |
|---|---|---|
| VALUE DisplayPort Cable, DP - UHDTV, M/M, black, 1 m | 11.99.5785 | 10 |
| VALUE DisplayPort Cable, DP - UHDTV, M/M, black, 2 m | 11.99.5786 | 10 |
| VALUE DisplayPort Cable, DP - UHDTV, M/M, black, 3 m | 11.99.5787 | 10 |
| VALUE DisplayPort Cable, DP - UHDTV, M/M, black, 5 m | 11.99.5788 | 10 |
| VALUE DisplayPort Cable, DP - UHDTV, M/M, black, 7.5 m | 11.99.5789 | 10 |
| VALUE Mini DisplayPort Cable, Mini DP-UHDTV, M/M, black, 1 m | 11.99.5795 | 10 |
| VALUE Mini DisplayPort Cable, Mini DP-UHDTV, M/M, black, 2 m | 11.99.5796 | 10 |
| VALUE Mini DisplayPort Cable, Mini DP-UHDTV, M/M, black, 3 m | 11.99.5797 | 10 |

| | Order-No. | P.U. |
|---|---|---|
| ROLINE DisplayPort Cable, DP - UHDTV, M/M, black, 1 m | 11.04.5785 | 10 |
| ROLINE DisplayPort Cable, DP - UHDTV, M/M, black, 2 m | 11.04.5786 | 10 |
| ROLINE DisplayPort Cable, DP - UHDTV, M/M, black, 3 m | 11.04.5787 | 10 |
| ROLINE DisplayPort Cable, DP - UHDTV, M/M, black, 5 m | 11.04.5788 | 10 |
| ROLINE Mini DisplayPort Cable, Mini DP-UHDTV, M/M, black, 1 m | 11.04.5795 | 10 |
| ROLINE Mini DisplayPort Cable, Mini DP-UHDTV, M/M, black, 2 m | 11.04.5796 | 10 |
| ROLINE Mini DisplayPort Cable, Mini DP-UHDTV, M/M, black, 3 m | 11.04.5797 | 10 |

## ROLINE DisplayPort Cable, v1.2, TPE, DP-DP

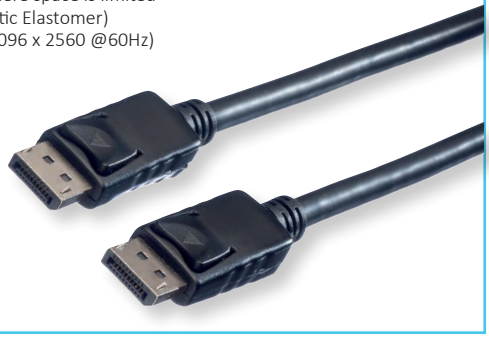
NEW | 4K | 2160p UHD-1

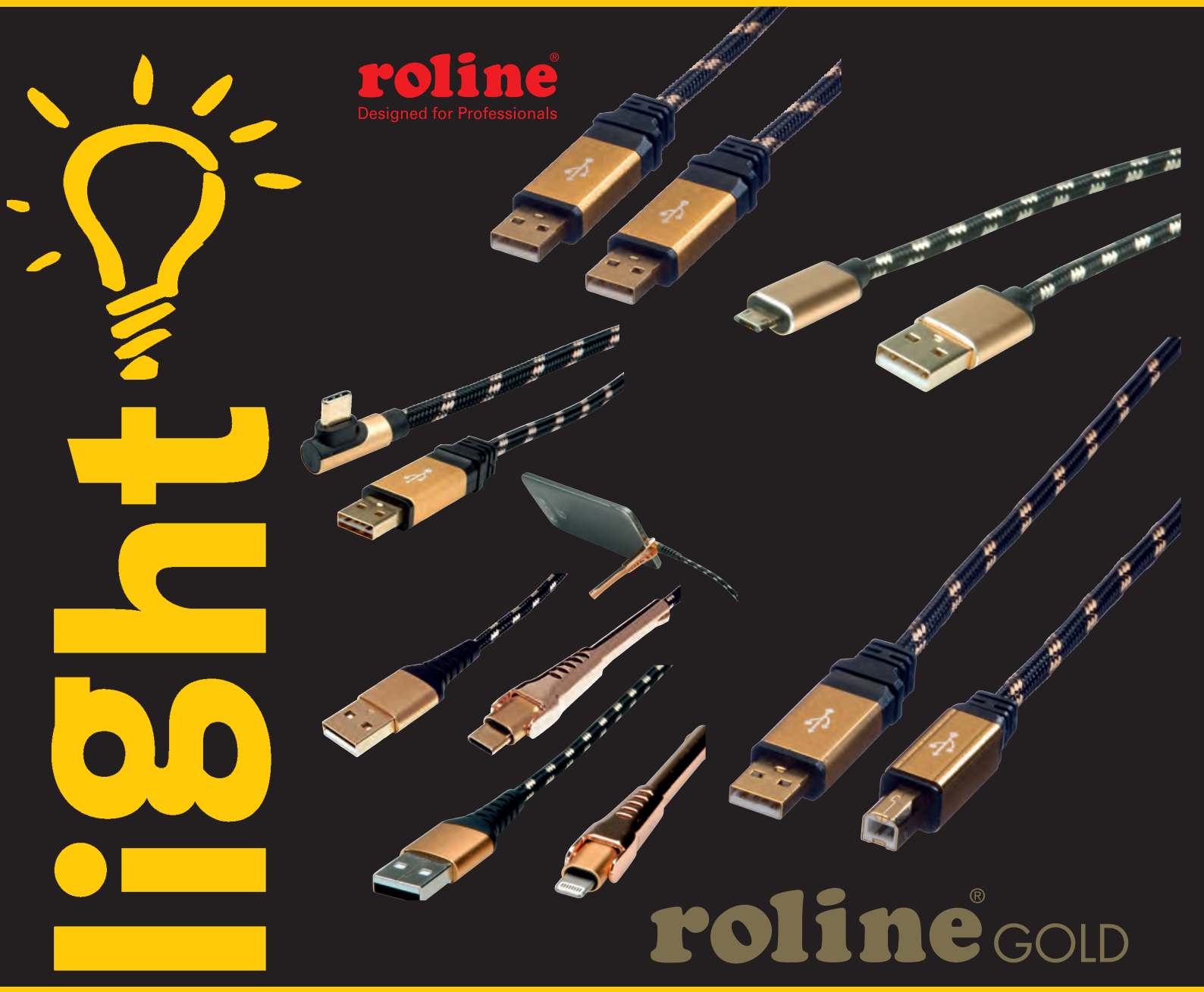
**ROLINE DisplayPort v1.2 cable with DP connection on both sides and highly flexible TPE outer jacket for connecting an Ultrabook, Notebook/Laptop or PC with a monitor, TV, beamer or projector - for screen transmissions in excellent quality with a resolution of up to 3840x2160 / 4096x2560 @60Hz!**

- The cable complies with the DisplayPort v1.2 standard and therefore easily reaches resolutions in the range of 4K@60Hz
- The connection requires little space and is therefore best suited for portable display devices (ultrabooks, notebooks/laptops) or for 2 connections on a graphics card (on one slot level)
- The practical plug design prevents the cable from slipping out of the DisplayPort socket
- Elastic and very flexible thanks to TPE outer sheath- best properties for cable ducts and similar applications where space is limited
- Material: TPE (Thermoplastic Elastomer)
- Compliant DP v1.2 (max. 4096 x 2560 @60Hz)

| | Order-No. | P.U. |
|---|---|---|
| ROLINE DisplayPort Cable, v1.2, TPE, DP-DP, M/M, black, 1 m | 11.04.5980 | 20 |
| ROLINE DisplayPort Cable, v1.2, TPE, DP-DP, M/M, black, 1.5 m | 11.04.5981 | 20 |
| ROLINE DisplayPort Cable, v1.2, TPE, DP-DP, M/M, black, 2 m | 11.04.5982 | 20 |
| ROLINE DisplayPort Cable, v1.2, TPE, DP-DP, M/M, black, 3 m | 11.04.5983 | 20 |
| ROLINE DisplayPort Cable, v1.2, TPE, DP-DP, M/M, black, 5 m | 11.04.5984 | 10 |
| ROLINE DisplayPort Cable, v1.2, TPE, DP-DP, M/M, black, 7.5 m | 11.04.5985 | 10 |
| ROLINE DisplayPort Cable, v1.2, TPE, DP-DP, M/M, black, 10 m | 11.04.5986 | 5 |

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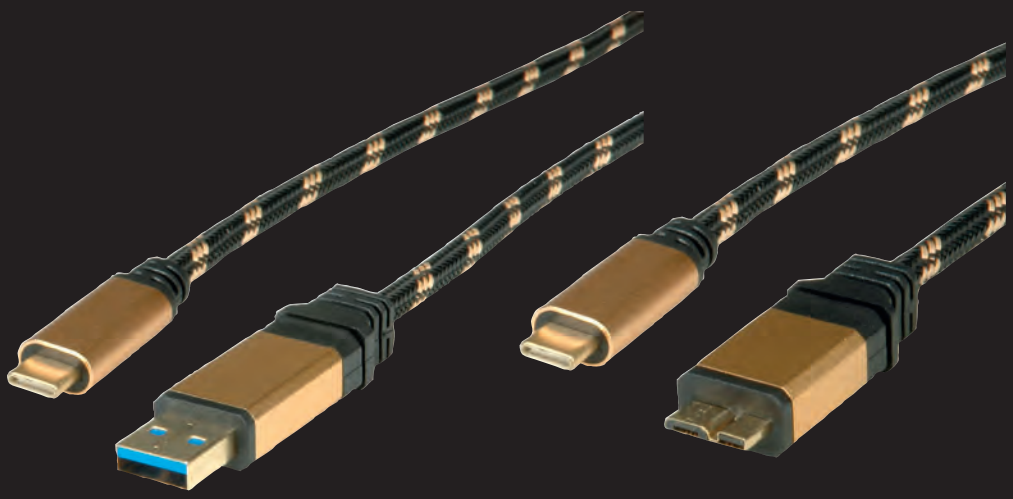

## ROLINE GOLD USB 2.0 Cables

**ROLINE GOLD - Top quality without any compromises!Cables in ROLINE GOLD quality come with high quality shielding and gilded contacts for contact safety even at high plug-in cycles. The plugs are gold coated to enhance their contact durability. Nylon-reinforced outer material in golden/black provides a better stability and gives the cable a stunning look.**

- The plugs are gold coated to enhance their contact durability
- Nylon-reinforced outer material for a better stability
- Supports data transfer rates of up to 480 Mbit/s

| | Order-No. | – P.U. |
|---|---|---|
| ROLINE GOLD USB 2.0 Cable, A - B, M/M, 1.8 m | 11.02.8802 | – 10 |
| ROLINE GOLD USB 2.0 Cable, A - B, M/M, 3.0 m | 11.02.8803 | – 10 |
| ROLINE GOLD USB 2.0 Cable, A - B, M/M, 4.5 m | 11.02.8805 | – 5 |
| ROLINE GOLD USB 2.0 Cable, A - 5-Pin Mini, M/M, 0.8 m | 11.02.8821 | – 10 |
| ROLINE GOLD USB 2.0 Cable, A - 5-Pin Mini, M/M, 1.8 m | 11.02.8822 | – 10 |
| ROLINE GOLD USB 2.0 Cable, A - 5-Pin Mini, M/M, 3.0 m | 11.02.8823 | – 10 |
| ROLINE GOLD USB 2.0 Cable, A - Micro B, M/M, 0.8 m | 11.02.8825 | – 10 |
| ROLINE GOLD USB 2.0 Cable, A - Micro B, M/M, 1.8 m | 11.02.8826 | – 10 |
| ROLINE GOLD USB 2.0 Cable, A - A, M/M, 0.8 m | 11.02.8911 | – 20 |
| ROLINE GOLD USB 2.0 Cable, A - A, M/M, 1.8 m | 11.02.8912 | – 50 |
| ROLINE GOLD USB 2.0 Cable, A - A, M/M, 3 m | 11.02.8913 | – 50 |
| ROLINE GOLD USB 2.0 Cable, reversible A - C 90° angled, M/M, 0.8 m | 11.02.9060 | – 10 |
| ROLINE GOLD USB 2.0 Cable, reversible A - C 90° angled, M/M, 1.8 m | 11.02.9061 | – 10 |
| ROLINE GOLD USB 2.0 Cable, reversible A - C 90° angled, M/M, 3 m | 11.02.9062 | – 10 |
| ROLINE GOLD USB 2.0 Cable, C - Micro B (reversible), M/M, 1.8 m | 11.02.8790 | – 10 |
| ROLINE GOLD USB 2.0 Cable, C - Micro B (reversible), M/M, 3 m | 11.02.8791 | – 10 |
| ROLINE GOLD USB 2.0 Cable, C - Micro B (reversible), M/M, 4.5 m | 11.02.8792 | – 5 |
| ROLINE GOLD USB 2.0 Cable, A - Micro B (reversible), M/M, 0.8 m | 11.02.8819 | – 10 |
| ROLINE GOLD USB 2.0 Cable, A - Micro B (reversible), M/M, 1.8 m | 11.02.8820 | – 10 |
| NEW ROLINE GOLD USB 2.0 A - Type C SELF-STAND Cable, M/M, 1m | 11.02.8920 | – 10 |
| ROLINE GOLD USB 2.0 A - 8pin SELF-STAND Cable, M/M, 1m | 11.02.8923 | – 10 |





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## ROLINE GOLD USB 3.2 Gen 1 Cables

**ROLINE GOLD - Top quality without any compromises!Cables in ROLINE GOLD quality come with high quality shielding and gilded contacts for contact safety even at high plug-in cycles. The plugs are gold coated to enhance their contact durability.**
**Nylon-reinforced outer material in golden/black provides a better stability and gives the cable a stunning look.**

**ROLINE GOLD USB 3.0 SuperSpeed Cables**

- The plugs are gold coated to enhance their contact durability
- Nylon-reinforced outer material for a better stability
- Supports data transfer rates of up to 5 Gbit/s
- Connectors: USB 3.0 Type A M to Type B M
- Improved data encoding for more efficient data transfer leading to higher through-put and improved I/O power efficiency
- The contact plugs are gold coated to enhance their contact durability
- Compatible with existing USB 3.0 software stacks and device protocols

**ROLINE GOLD USB3.2 Gen 1 Cables, A – C and C – MicroB**

- Works with both existing 5Gbit/s USB 3.0 hubs and devices, as well as USB 2.0 products
- USB 3.1 high-speed cable in high quality with improved shielding
- Only suitable for USB standard power supply to 5V / 900mA!
- Type: A-C

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**Note: According to the current specifications of USB.org we have adapted the technical data of our USB 3 products. The new designation for the already known USB specifications has been changed to USB 3.2 Gen 1 (formerly USB 3.0 / USB 3.1 Gen 1) and USB 3.2 Gen 2 (formerly USB 3.1 / USB 3.1 Gen 2).**

| | Order-No. | – P.U. |
|---|---|---|
| ROLINE GOLD USB3.2 Gen1 Cable, A - B, M/M, 0.8 m | 11.02.8900 | – 10 |
| ROLINE GOLD USB3.2 Gen1 Cable, A - B, M/M, 1.8 m | 11.02.8902 | – 10 |
| ROLINE GOLD USB3.2 Gen1 Cable, A - B, M/M, 3 m | 11.02.8903 | – 10 |
| ROLINE GOLD USB3.2 Gen1 Cable, A - Micro B, M/M, 0.8 m | 11.02.8878 | – 10 |
| ROLINE GOLD USB3.2 Gen1 Cable, A - Micro B, M/M, 2 m | 11.02.8879 | – 10 |
| ROLINE GOLD USB3.2 Gen1 Cable, A-C, M/M, 0.5 m | 11.02.9012 | – 20 |
| ROLINE GOLD USB3.2 Gen1 Cable, A-C, M/M, 1 m | 11.02.9013 | – 10 |
| ROLINE GOLD USB3.2 Gen1 Cable, C-Micro B, M/M, 0.5 m | 11.02.9025 | – 20 |
| ROLINE GOLD USB3.2 Gen1 Cable, C-Micro B, M/M, 1 m | 11.02.9026 | – 10 |

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## ROLINE GOLD DVI and DisplayPort Monitor Cables

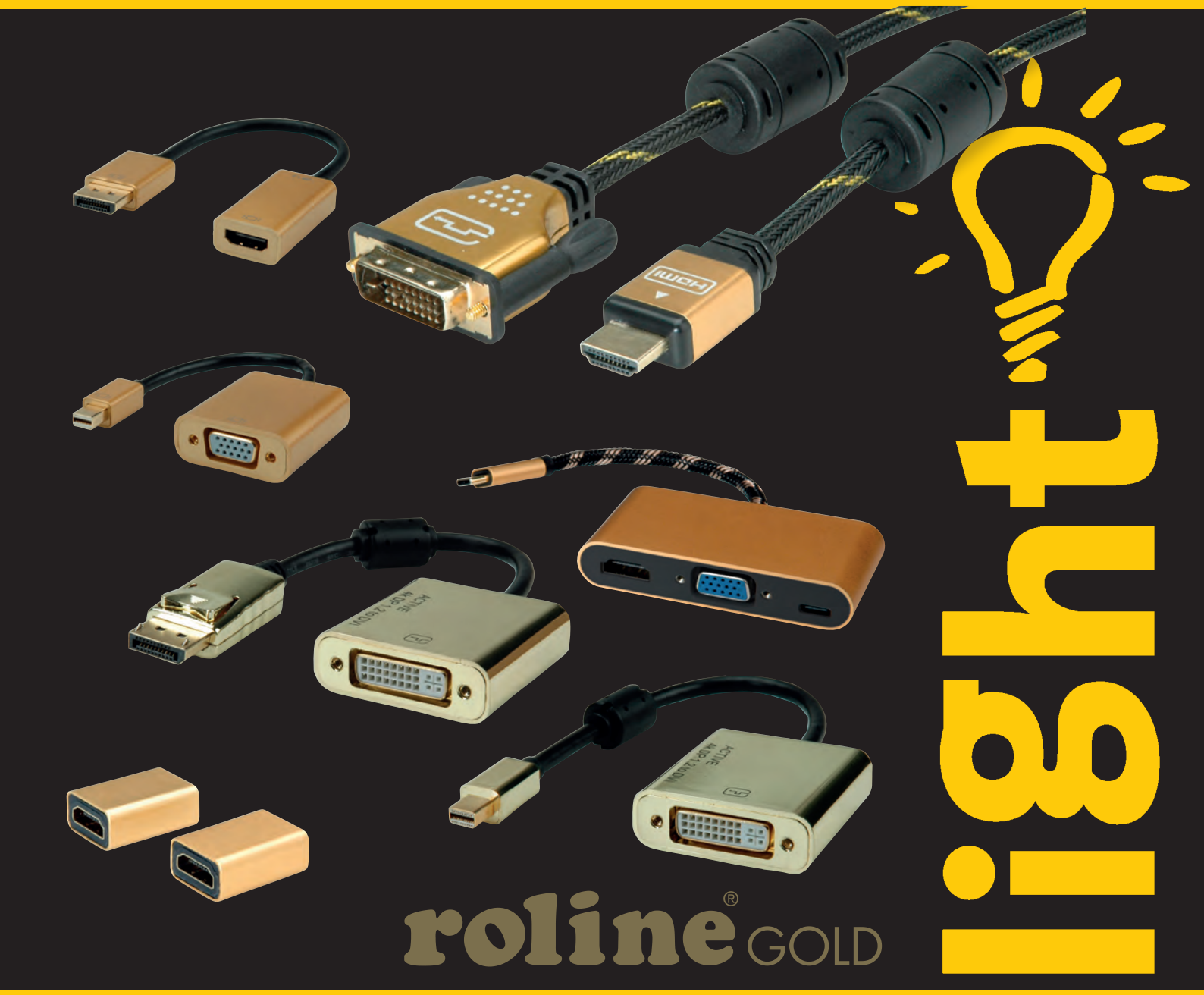
**ROLINE GOLD - Top quality without any compromises!Cables in ROLINE GOLD quality come with high quality shielding and gilded contacts for contact safety even at high plug-in cycles. The plugs are gold coated to enhance their contact durability.**
**Nylon-reinforced outer material in golden/black provides a better stability and gives the cable a stunning look.**

**ROLINE GOLD DVI Monitor Cables**
- DVI-D dual link version with (24+1)-pin assignment, recommended for monitors with bigger screen sizes
- ROLINE Gold cable with gold plated contacts and metal connector housing
- Nylon-reinforced cable outer material for a better stability
- Ferrite cores
- Thumbscrews

**ROLINE GOLD DisplayPort Cables**
- Cable with DisplayPort male connector on both sides
- Gold plated contacts for enhanced durability
- Nylon-reinforced outer material for a better stability
- **Compliant DP v1.2 / v1.4**

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| | Order-No. | – P.U. |
|---|---|---|
| ROLINE GOLD Monitor Cable, DVI (24+1), Dual Link, M/M, 1 m | 11.04.5511 | – 10 |
| ROLINE GOLD Monitor Cable, DVI (24+1), Dual Link, M/M, 2 m | 11.04.5512 | – 10 |
| ROLINE GOLD Monitor Cable, DVI (24+1), Dual Link, M/M, 3 m | 11.04.5513 | – 10 |
| ROLINE GOLD Monitor Cable, DVI (24+1), Dual Link, M/M, 5 m | 11.04.5514 | – 10 |
| ROLINE GOLD Monitor Cable, DVI (24+1), Dual Link, M/M, 7.5 m | 11.04.5515 | – 6 |
| ROLINE GOLD Monitor Cable, DVI (24+1), Dual Link, M/M, 10 m | 11.04.5518 | – 5 |
| ROLINE GOLD DisplayPort Cable, DP-DP, M/M, 1 m | 11.04.5644 | – 10 |
| ROLINE GOLD DisplayPort Cable, DP-DP, M/M, 1.5 m | 11.04.5639 | – 10 |
| ROLINE GOLD DisplayPort Cable, DP-DP, M/M, 2 m | 11.04.5645 | – 10 |
| ROLINE GOLD DisplayPort Cable, DP-DP, M/M, 3 m | 11.04.5646 | – 10 |
| ROLINE GOLD DisplayPort Cable, DP-DP, M/M, 5 m | 11.04.5647 | – 5 |
| ROLINE GOLD DisplayPort Cable, DP-DP, M/M, 7.5 m | 11.04.5648 | – 6 |
| ROLINE GOLD DisplayPort Cable, DP-DP, M/M, 10 m | 11.04.5649 | – 5 |
| ROLINE GOLD DisplayPort Cable, **v1.4**, DP-DP, M/M, 1 m | 11.04.5920 | – 20 |
| ROLINE GOLD DisplayPort Cable, **v1.4**, DP-DP, M/M, 2 m | 11.04.5921 | – 10 |
| ROLINE GOLD DisplayPort Cable, **v1.4**, DP-DP, M/M, 3 m | 11.04.5922 | – 10 |




## ROLINE GOLD DisplayPort-Adapter and Monitor Cables DVI-HDMI

**ROLINE GOLD HDMI to DVI cable for connecting an ultrabook, notebook/laptop or PC to a monitor, TV or projector - for screen transmissions in excellent quality with a resolution of up to 3840x2160 @30Hz!**

- The rugged nylon braid protects the cable effectively and makes it look stunning.
- High-quality, double-shielded cable (foil+braid) with gold-plated contacts for optimum transmission of image signals
- Supports 3D video
- HDMI Ethernet channel
- Audio return channel for forwarding signals to the audio/video receiver
- Golden connector housing
- Connectors: DVI-D (24+1) to HDMI

**ROLINE GOLD DisplayPort to HDMI cable adapter for connecting a graphics card with DP to a monitor with HDMI connection - with a resolution of up to 3840x2160 @30Hz!**

- If you want to connect a graphic card with DisplayPort Female to a monitor by using a HDMI cable, you need this DisplayPort to HDMI adapter
- Connectors: DisplayPort Male, HDMI Female
- DisplayPort version 1.2 allows increased resolutions, higher refresh rates, and greater color depth
- Max. resolution: 3840 x 2160 (@30Hz)
- Active

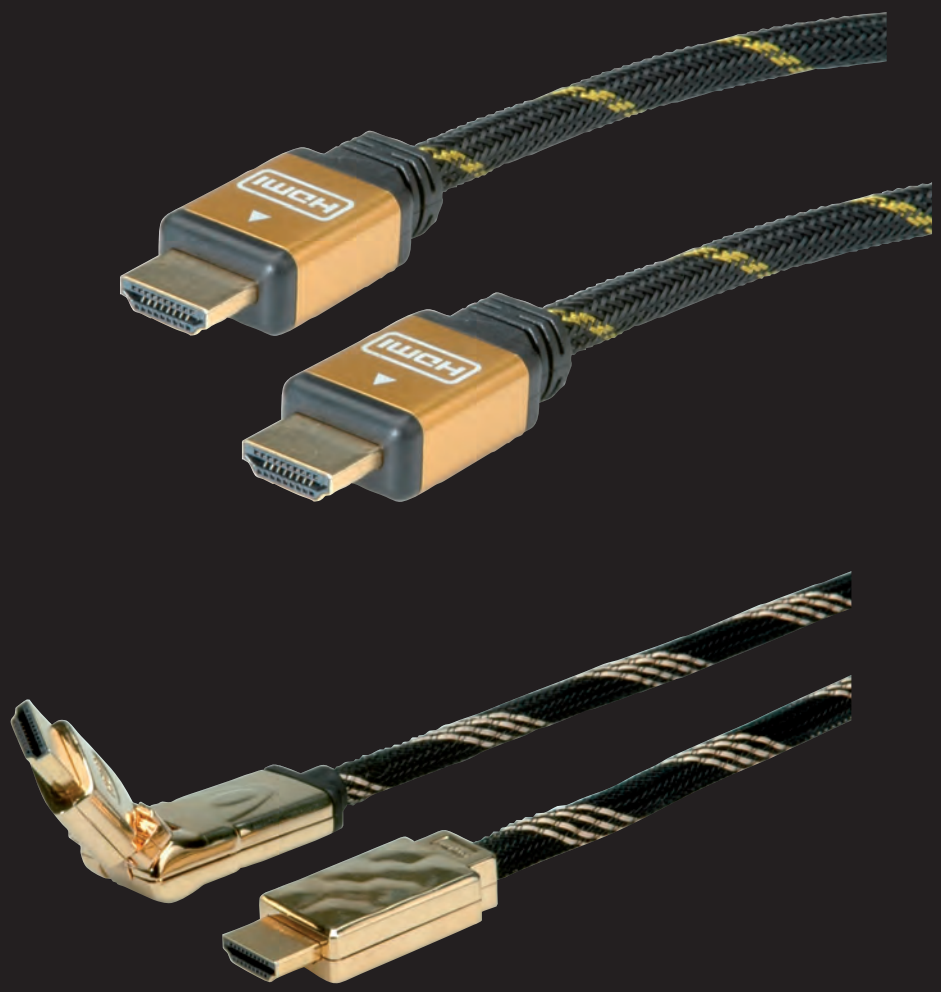
**ROLINE GOLD Mini DisplayPort to VGA cable adapter for connecting a graphics card with Mini DP to a monitor with VGA connector - with a resolution of up to 1920x1080 / 1920x1200 @60Hz!**

- Remark: The DisplayPort-HDMI adapter is only working in one direction: the DisplayPort plug has to be connected to the source device (e.g. graphic card)

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| | Order-No. | – P.U. |
|---|---|---|
| ROLINE GOLD Mini DisplayPort-VGA Adapter, v1.2, Mini DP M - VGA F | 12.03.3171 | – 10 |
| ROLINE GOLD 4K DisplayPort-DVI Adapter, DP M - DVI F | 12.03.3175 | – 10 |
| ROLINE GOLD 4K Mini DisplayPort-DVI Adapter, MiniDP M - DVI F | 12.03.3176 | – 10 |
| ROLINE GOLD 4K Adapter, active, v1.2, DP-HDMI, M/F | 12.03.3170 | – 10 |
| ROLINE GOLD HDMI Adapter, HDMI F - HDMI F | 12.03.3153 | – 20 |
| ROLINE GOLD HDMI Adapter, HDMI F - HDMI Mini M | 12.03.3154 | – 20 |
| ROLINE GOLD Type C - VGA / HDMI / Type C PD Adapter, M/F | 12.03.3155 | – 10 |
| ROLINE GOLD Type C - HDMI/VGA Adapter, M/F | 12.03.3165 | – 5 |
| ROLINE GOLD Monitor Cable, DVI (24+1) - HDMI, Dual Link, M/M, 1 m | 11.04.5890 | – 10 |
| ROLINE GOLD Monitor Cable, DVI (24+1) - HDMI, Dual Link, M/M, 1.5 m | 11.04.5896 | – 10 |
| ROLINE GOLD Monitor Cable, DVI (24+1) - HDMI, Dual Link, M/M, 2 m | 11.04.5891 | – 10 |
| ROLINE GOLD Monitor Cable, DVI (24+1) - HDMI, Dual Link, M/M, 3 m | 11.04.5892 | – 10 |
| ROLINE GOLD Monitor Cable, DVI (24+1) - HDMI, Dual Link, M/M, 5 m | 11.04.5893 | – 10 |
| ROLINE GOLD Monitor Cable, DVI (24+1) - HDMI, Dual Link, M/M, 7.5 m | 11.04.5894 | – 5 |
| ROLINE GOLD Monitor Cable, DVI (24+1) - HDMI, Dual Link, M/M, 10 m | 11.04.5895 | – 5 |

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## ROLINE GOLD HDMI High Speed Cables / with Ethernet

1080p FULL HD

**ROLINE GOLD - Top quality without any compromises!Cables in ROLINE GOLD quality come with high quality shielding and gilded contacts for contact safety even at high plug-in cycles. The plugs are gold coated to enhance their contact durability. Nylon-reinforced outer material in golden/black provides a better stability and gives the cable a stunning look.**

- Cable with HDMI male connector on both sides
- HDMI Ethernet Channel- Adds high-speed networking to an HDMI link, allowing users to take full advantage of their IP-enabled devices without a separate ethernet cable
- Audio Return Channel- Allows an HDMI-connected TV with a built-in tuner to send audio data „upstream" to a surround audio system, eliminating the need for a separate audio cable
- 3D- Defines input/output protocols for major 3D video formats

- **11.04.5507:** One connector with swivel functionality, so that the cable will not be bent, when there is only small space to the wall

| | Order-No. | – P.U. |
|---|---|---|
| ROLINE GOLD HDMI High Speed Cable, M/M, 1.0 m | 11.04.5561 | – 20 |
| ROLINE GOLD HDMI High Speed Cable, M/M, 2.0 m | 11.04.5562 | – 20 |
| ROLINE GOLD HDMI High Speed Cable, M/M, 3.0 m | 11.04.5563 | – 20 |
| ROLINE GOLD HDMI High Speed Cable, M/M, 5.0 m | 11.04.5565 | – 10 |
| ROLINE GOLD HDMI High Speed Cable, M/M, 10.0 m | 11.04.5566 | – 5 |
| ROLINE GOLD HDMI High Speed Cable, M/M, 15.0 m | 11.04.5560 | – 5 |
| ROLINE GOLD HDMI High Speed Cable, M/M, 20.0 m | 11.04.5564 | – 5 |
| ROLINE GOLD HDMI High Speed Cable + Ethernet, M/M, 1.0 m | 11.04.5501 | – 20 |
| ROLINE GOLD HDMI High Speed Cable + Ethernet, M/M, 1.5 m | 11.04.5500 | – 20 |
| ROLINE GOLD HDMI High Speed Cable + Ethernet, M/M, 2.0 m | 11.04.5502 | – 20 |
| ROLINE GOLD HDMI High Speed Cable + Ethernet, M/M, 3.0 m | 11.04.5503 | – 20 |
| ROLINE GOLD HDMI High Speed Cable + Ethernet, M/M, 5.0 m | 11.04.5505 | – 10 |
| ROLINE GOLD HDMI High Speed Cable + Ethernet, M/M, 7.5 m | 11.04.5504 | – 6 |
| ROLINE GOLD HDMI High Speed Cable + Ethernet, M/M, 10.0 m | 11.04.5506 | – 5 |
| ROLINE GOLD HDMI High Speed Cable + Ethernet, M/M, 15.0 m | 11.04.5508 | – 5 |
| ROLINE GOLD HDMI High Speed Cable + Ethernet, M/M, 20.0 m | 11.04.5510 | – 5 |
| ROLINE GOLD HDMI High Speed Cable + Ethernet, 3D-Swivel, 2.0 m | 11.04.5507 | – 10 |




light light

## ROLINE GOLD HDMI Ultra HD Cables with Ethernet

4K | 3D capable | 2160p UHD-1

**ROLINE GOLD - Top quality without any compromises!Cables in ROLINE GOLD quality come with high quality shielding and gilded contacts for contact safety even at high plug-in cycles. The plugs are gold coated to enhance their contact durability.**
**Nylon-reinforced outer material in golden/black provides a better stability and gives the cable a stunning look.**

**High-quality HDMI connection cable with HDMI connectors for optimal transmission of digital HDTV signals at data rates up to 18 Gbit/s (600MHz). For the transmission of films in digital cinema-quality, with a resolution of up to 3840x2160 @60Hz!**

- HDMI Ethernet Channel- Adds high-speed networking to an HDMI link, allowing users to take full advantage of their IP-enabled devices without a separate ethernet cable
- Audio Return Channel- Allows an HDMI-connected TV with a built-in tuner to send audio data „upstream“ to a surround audio system, eliminating the need for a separate audio cable
- The rugged nylon braid protects the HDMI cable effectively and makes it look stunning.
- 3D- Defines input/output protocols for major 3D video formats
- Cable with HDMI male connector on both sides
- High quality cable with golden metal connector housing and shell for better shielding
- Gold plated contacts for higher durability

| | Order-No. | – P.U. |
|---|---|---|
| ROLINE GOLD HDMI Ultra HD Cable + Ethernet, M/M, 1 m | 11.04.5690 | – 10 |
| ROLINE GOLD HDMI Ultra HD Cable + Ethernet, M/M, 1.5 m | 11.04.5694 | – 10 |
| ROLINE GOLD HDMI Ultra HD Cable + Ethernet, M/M, 2 m | 11.04.5691 | – 10 |
| ROLINE GOLD HDMI Ultra HD Cable + Ethernet, M/M, 3 m | 11.04.5692 | – 10 |
| ROLINE GOLD HDMI Ultra HD Cable + Ethernet, M/M, 5 m | 11.04.5693 | – 10 |
| ROLINE GOLD Type C - HDMI Cable, M/M, 1 m | 11.04.5844 | – 10 |
| ROLINE GOLD Type C - HDMI Cable, M/M, 2 m | 11.04.5847 | – 10 |
| ROLINE GOLD Type C - DisplayPort Cable, M/M, 1 m | 11.04.5848 | – 10 |
| ROLINE Type C - DisplayPort Cable, M/M, 2 m | 11.04.5849 | – 10 |

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## VALUE VGA-DVI-HDMI-DP Adapters

**12.99.3115**
- To connect a DVI cable to an HDMI interface
- Adapter with HDMI plug and 24+1 DVI-D socket

**12.99.3116:**
- To connect an HDMI cable to a DVI interface
- Adapter with HDMI socket and 24+1 DVI-D plug

**12.99.3120/12.99.3152:**
- For combining HDMI cable and components with mini HDMI connector
- Adapter with HDMI socket and HDMI mini plug

**12.99.3123/12.99.3151:**
- For connecting two HDMI cables
- Adapter with HDMI socket and HDMI socket

**12.99.3114/12.99.3113:**
- For connecting a VGA cable to e.g. a notebook with HDMI socket
- Adapter with VGA socket and HDMI plug

**12.99.3135/12.99.3136/12.99.3156:**
- For combining VGA cables and components with display port connection
- Adapter with DisplayPort plug and VGA socket

**12.99.3133/12.99.3137/12.99.3157:**
- For combining DVI cable and components with display port connection
- Adapter with DisplayPort connector and 24+1 DVI-D socket

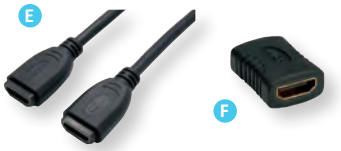
**12.99.3134/12.99.3144/**
**12.99.3139/12.99.3162/**
**12.99.3138/12.99.3158:**
- For combining HDMI cable and components with display port connection
- Adapter with DisplayPort plug and HDMI socket
- 12.99.3144: Compliant with DP v1.2

**Notice:**
**A DisplayPort to HDMI or DVI connection can only be used in one direction. The DisplayPort connector can only be used on the data source side (e.g. graphics card).**













| Picture | Order-No. – P.U. | Adapter / Cableadapter | Type | Connector | Length | Version | Active | Passive | Color | Max. nom. Resolution | 4K (@30Hz) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 12.99.3115 – 50 | Cableadapter | HDMI – DVI | M/F | 0.15 | – | – | yes | black | 1600 x 1080 | – |
| B | 12.99.3116 – 50 | Cableadapter | DVI – HDMI | M/F | 0.15 | – | – | yes | black | 1600 x 1080 | – |
| C | 12.99.3120 – 25 | Cableadapter | HDMI – HDMI Mini | F/M | 0.15 | – | – | yes | black | 1920 x 1080 | – |
| D | 12.99.3152 – 20 | Adapter | HDMI – HDMI Mini | F/M | – | – | – | yes | black | 1920 x 1080 | – |
| E | 12.99.3123 – 20 | Cableadapter | HDMI – HDMI | F/F | 0.15 | – | – | yes | black | 1920 x 1080 | – |
| F | 12.99.3151 – 20 | Adapter | HDMI – HDMI | F/F | – | – | – | yes | black | 1920 x 1080 | – |
| G | 12.99.3114 – 10 | Cableadapter | HDMI – VGA | M/F | 0.15 | – | yes | – | black | 1920 x 1080 | – |
| H | 12.99.3113 – 10 | Adapter | HDMI – VGA | M/F | – | – | yes | – | black | 1920 x 1080 | – |
| I | 12.99.3135 – 10 | Cableadapter | DP – VGA | M/F | 0.15 | v 1.1 | yes | – | black | 1920 x 1080 | – |
| I.1 | 12.99.3136 – 10 | Cableadapter | DP – VGA | M/F | | | | yes | black | 1920 x 1080 | |
| | 12.99.3156 – 10 | Adapter | DP – VGA | M/F | | | | yes | black | 1920 x 1080 | |
| | 12.99.3137 – 10 | Cableadapter | DP – DVI | M/F | | | | yes | black | 1920 x 1080 | |
| J | 12.99.3133 – 10 | Cableadapter | DP – DVI | M/F | 0.15 | v 1.1 | – | yes | black | 1920 x 1080 | – |
| | 12.99.3157 – 10 | Adapter | DP – DVI | M/F | | | | yes | black | 1920 x 1080 | |
| K | 12.99.3138 – 10 | Cableadapter | DP – HDMI | M/F | | | | yes | black | 1920 x 1080 | |
| | 12.99.3158 – 10 | Adapter | DP – HDMI | M/F | | | | yes | black | 1920 x 1080 | |
| K.1 | 12.99.3134 – 10 | Cableadapter | DP – HDMI | M/F | 0.15 | v 1.1 | – | yes | black | 1920 x 1080 | – |
| | 12.99.3139 – 10 | Cableadapter | DP – HDMI | M/F | | v 1.2 | | yes | black | 3840 x 2160 | |
| L | 12.99.3144 – 10 | Cableadapter | DP – HDMI | M/F | 0.15 | v 1.2 | – | yes | black | 3840 x 2160 | yes |
| N | 12.99.3162 – 10 | Cableadapter | DP – HDMI | M/F | | v 1.4 | | yes | black | 3840 x 2160 | |
| O | 12.99.3145 – 10 | Cableadapter | HDMI – DP | F/M | | v 1.2 | | yes | black | 3840 x 2160 | |
| | 12.99.3160 – 10 | Adapter | DP – Mini DP | M/F | | v 1.2 | | yes | black | 3840 x 2160 | |
| P | 12.99.3165 – 10 | Adapter | DP – DP | F/F | | v 1.2 | | yes | black | 3840 x 2160 | |
| Q | 12.99.3166 – 20 | Adapter | HDMI – HDMI Mini / Micro | F / M & M | | | | yes | black | 1920 x 1080 | |

## VALUE VGA-DVI-HDMI-DP Adapters

**12.99.3125/12.99.3126:**
- Mini DisplayPort DVI adapter for connecting a VGA M/M cable to a Mini DisplayPort connector of the graphics card
- Adapter with Mini DisplayPort plug and VGA socket

**12.99.3128:**
- Mini DisplayPort DVI adapter for connecting a DVI M/M cable to a Mini DisplayPort connector of the graphics card
- Adapter with Mini DisplayPort plug and DVI socket

**12.99.3129/12.99.3142/ 12.99.3159/12.99.3143/ 12.99.3163:**
- Mini DisplayPort HDMI adapter for connecting an HDMI M/M cable to a Mini DisplayPort connector of the graphics card
- Adapter with Mini DisplayPort plug and HDMI socket

- 12.99.3142: Compliant with DP v1.2

**12.99.3150:**
- The image signal is electronically converted in the adapter.
- Adapter with Mini DisplayPort connector and DP, DVI and HDMI jack.

**12.99.3153:**
- The image signal is electronically converted in the adapter.
- Maximum resolution: 3840x2160 @60Hz
- Adapter with DisplayPort connector and VGA, DVI and HDMI jack.

**12.99.3154:**
- The image signal is electronically converted in the adapter.
- Maximum resolution: 3840x2160 @60Hz
- Adapter with Mini DisplayPort connector and DP, DVI and HDMI jack.

**Notice:**
**A DisplayPort to HDMI or DVI connection can only be used in one direction. The DisplayPort connector can only be used on the data source side (e.g. graphics card).**




| Picture | Order-No. – P.U. | Adapter / Cableadapter | Type | Connector | Length | Version | Active | Passive | Color | Max. nom. Resolution | 4K (@30Hz) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 12.99.3125 – 10 | Cableadapter | Mini DP – VGA | M/F | 0.15 | v 1.1 | yes | – | black | 1920 x 1080 | – |
| B | 12.99.3126 – 10 | Cableadapter | Mini DP – VGA | M/F | | | | | black | 1920 x 1080 | |
| | | | | | | | | | | | |
| C | 12.99.3128 – 10 | Cableadapter | Mini DP – DVI | M/F | 0.15 | v 1.1 | – | yes | black | 1920 x 1080 | – |
| | | | | | | | | | | | |
| | 12.99.3159 – 10 | Adapter | Mini DP – HDMI | M/F | | | | | black | 1920 x 1080 | |
| D | 12.99.3129 – 10 | Cableadapter | Mini DP – HDMI | M/F | 0.15 | v 1.1 | – | yes | black | 1920 x 1080 | – |
| E | 12.99.3143 – 10 | Cableadapter | Mini DP – HDMI | M/F | 0.15 | v 1.2 | | | black | 3840 x 2160 | yes |
| F | 12.99.3142 – 10 | Cableadapter | Mini DP – HDMI | M/F | 0.15 | v 1.2 | – | yes | black | 3840 x 2160 | yes |
| G | 12.99.3163 – 10 | Cableadapter | Mini DP – HDMI* | M/F | | v 1.4 | | | black | 7680 x 4320 | yes |
| | | | | | | | | | | | |
| H | 12.99.3150 – 20 | Cableadapter | Mini DP – HDMI/DP/DVI** | M/F | 0.1 | v 1.1 | yes | – | black | 1920 x 1080 | – |
| | 12.99.3161 – 10 | Adapter | Mini DP – DP | M/F | | | | | black | 3840 x 2160 | |
| | | | | | | | | | | | |
| I | 12.99.3153 – 20 | Cableadapter | DP – VGA/DVI/HDMI** | M/F | | v 1.2 | yes | | black | 3840 x 2160 | yes |
| J | 12.99.3154 – 20 | Cableadapter | Mini DP – VGA/DVI/HDMI** | M/F | | v 1.2 | yes | | black | 3840 x 2160 | yes |
| | 12.99.3155 – 10 | Cableadapter | Mini DP – VGA/DVI/HDMI** | M/F | | v 1.2 | | | white | 3840 x 2160 | yes |
| K | 12.99.3160 – 10 | Adapter | DP – Mini DP | M/F | | | | | black | 3840 x 2160 | |
| L | 12.99.3161 – 10 | Adapter | DP – Mini DP | F/M | | | | | black | 3840 x 2160 | |

* HDR10 Functionality

** only ONE single output available (DVI or HDMI or DP - 12.99.3150 or VGA/DVI/HDMI - 12.99.3153/12.99.3154/12.99.3155)

## ROLINE VGA-DVI-HDMI-DP Adapters

**12.03.3105:**
• To connect a VGA monitor to a DVI graphics card
• Adapter with HD15-pin socket and DVI-A plug

**12.03.3110:**
• To connect a DVI monitor to a VGA graphics card
• Adapter with HD15-pin plug and DVI-I socket

**12.03.3114/12.03.3117:**
• To connect a VGA cable to an HDMI interface
• Adapter with HDMI plug and VGA socket

**12.03.3115:**
• To connect a DVI cable to an HDMI interface
• Adapter with HDMI plug and 24+1 DVI-D socket

**12.03.3116:**
• To connect an HDMI cable to a DVI interface
• Adapter with HDMI socket and 24+1 DVI-D plug

**12.03.3152:**
• For combining HDMI cable and components with mini HDMI connector
• Adapter with HDMI socket and HDMI mini plug

**12.03.3151:**
- For connecting two HDMI cables
• Adapter with HDMI socket and HDMI socket

**12.03.3135/12.03.3146:**
• For combining VGA cables and components with display port connection
• Adapter with DisplayPort plug and VGA socket, cable length approx. 10cm

**12.03.3133/12.03.3136:**
• For combining DVI cable and components with display port connection
• Adapter with DisplayPort connector and 24+1 DVI-D socket

**12.03.3134/.3144/.3160/.3162:**
• For combining HDMI cable and components with display port connection
• Adapter with DisplayPort plug and HDMI socket

**12.03.3125/12.03.3140:**
• Mini DisplayPort VGA adapter for connecting a VGA M/M cable to a Mini DisplayPort connector of the graphics card
• Adapter with Mini DisplayPort plug and VGA socket, cable length approx. 10cm

**12.03.3128/12.03.3137:**
• Mini DisplayPort DVI adapter for connecting a DVI M/M cable to a Mini DisplayPort connector of the graphics card
• Adapter with Mini DisplayPort plug and DVI socket, cable length approx. 10cm

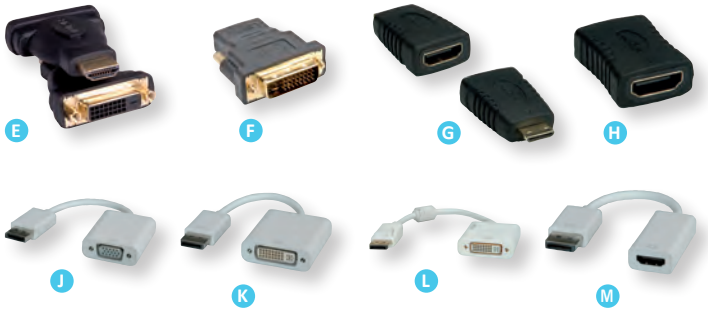
**12.03.3129/12.03.3142/12.03.3161:**
• Mini DisplayPort HDMI adapter for connecting an HDMI M/M cable to a Mini DisplayPort connector of the graphics card
• Adapter with Mini DisplayPort plug and HDMI socket, cable length approx. 10cm
• 12.03.3161: additional VGA socket

**12.03.3130/12.03.3163:**
• For connecting a normal DP cable to e.g. a notebook with Mini DP socket
• Adapter with DisplayPort socket and Mini DisplayPort plug

**12.03.3132:**
• For combining a Mini DP cable to a device with DP socket
• Adapter with DisplayPort connector and Mini DisplayPort socket

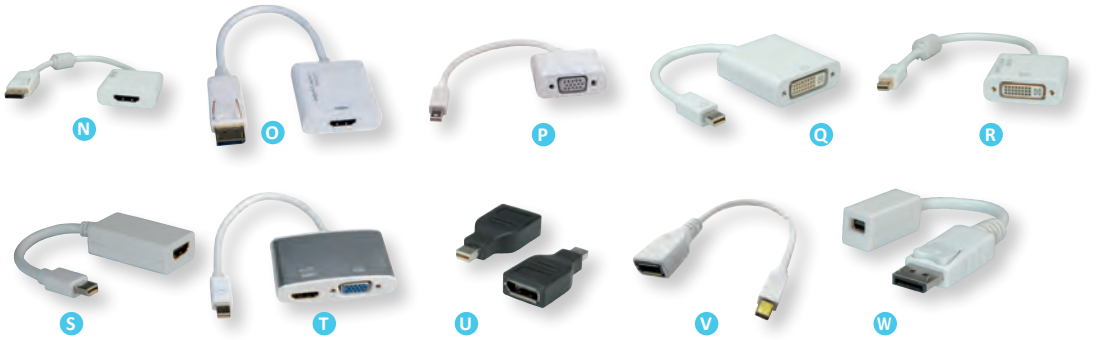
**Note: A DisplayPort to HDMI or DVI connection can only be used in one direction. The DisplayPort connector can only be used on the data source side (e.g. graphics card).**










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| Picture | Order-No. – P.U. | Adapter / Cableadapter | Type | Connector | Length | Version | Active | Passive | Color | Max. nom. Resolution | 4K (@30Hz) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 12.03.3105 – 50 | Adapter | DVI – VGA | M/F | – | – | – | yes | black | 1920 x 1080 (*) | – |
| B | 12.03.3110 – 50 | Adapter | DVI – VGA | F/M | – | – | – | yes | black | 1920 x 1080 (*) | – |
| C | 12.03.3117 – 10 | Adapter | HDMI – VGA | M/F | – | – | yes | – | black | 1920 x 1080 | – |
| D | 12.03.3114 – 10 | Cableadapter | HDMI – VGA | M/F | 0.15 | – | yes | – | white | 1920 x 1080 | – |
| E | 12.03.3115 – 50 | Adapter | HDMI – DVI | M/F | – | – | – | yes | black | 1920 x 1080 | – |
| F | 12.03.3116 – 50 | Adapter | DVI – HDMI | M/F | – | – | – | yes | black | 1920 x 1080 | – |
| G | 12.03.3152 – 20 | Adapter | HDMI – HDMI Mini | F/M | – | – | – | yes | black | 1920 x 1080 | – |
| H | 12.03.3151 – 20 | Adapter | HDMI – HDMI | F/F | – | – | – | yes | black | 1920 x 1080 | – |
| J | 12.03.3135 – 10 | Cableadapter | DP – VGA | M/F | 0.15 | v 1.1a | yes | – | white | 1920 x 1080 | – |
| J | 12.03.3146 – 10 | Cableadapter | DP – VGA | M/F | 0.15 | v 1.2 | yes | – | white | 1920 x 1080 | – |
| K | 12.03.3133 – 10 | Cableadapter | DP – DVI | M/F | 0.1 | v 1.1a | – | yes | white | 1920 x 1080 | – |
| L | 12.03.3136 – 10 | Cableadapter | DP – DVI | M/F | 0.1 | v 1.2 | – | yes | white | 3840 x 2160 | yes |
| M | 12.03.3134 – 10 | Cableadapter | DP – HDMI | M/F | 0.1 | v 1.1a | – | yes | white | 1920 x 1080 | yes |
| M | 12.03.3144 – 10 | Cableadapter | DP – HDMI | M/F | 0.15 | v 1.2 | yes | – | white | 3840 x 2160 | yes |
| N | 12.03.3162 – 10 | Cableadapter | DP – HDMI | M/F | 0.1 | v 1.2 | yes | – | white | 3840 x 2160 | yes |
| O | 12.03.3160 – 10 | Cableadapter | DP – HDMI | M/F | 0.1 | v 1.2 | yes | – | white | 3840 x 2160 | yes |
| P | 12.03.3125 – 10 | Cableadapter | Mini DP – VGA | M/F | 0.15 | v 1.1a | yes | – | white | 1920 x 1080 | – |
| P | 12.03.3140 – 10 | Cableadapter | Mini DP – VGA | M/F | 0.15 | v 1.2 | yes | – | white | 1920 x 1080 | – |
| Q | 12.03.3128 – 10 | Cableadapter | Mini DP – DVI | M/F | 0.1 | v 1.1a | – | yes | white | 1920 x 1080 | – |
| R | 12.03.3137 – 10 | Cableadapter | Mini DP – DVI | M/F | 0.1 | v 1.2 | – | yes | white | 3840 x 2160 | yes |
| S | 12.03.3129 – 10 | Cableadapter | Mini DP – HDMI | M/F | 0.1 | v 1.1a | – | yes | white | 1920 x 1080 | – |
| S | 12.03.3142 – 10 | Cableadapter | Mini DP – HDMI | M/F | 0.15 | v 1.2 | yes | – | white | 3840 x 2160 | yes |
| T | 12.03.3161 – 5 | Cableadapter | Mini DP – HDMI/VGA** | M/F | 0.1 | v 1.2 | yes | – | silver | 3840 x 2160 | yes |
| U | 12.03.3130 – 20 | Adapter | Mini DP – DP | M/F | – | v 1.2 | – | yes | black | 3840 x 2160 | yes |
| V | 12.03.3163 – 10 | Cableadapter | DP – Mini DP | F/M | 0.1 | v 1.2 | | | white | 3840 x 2160 | yes |
| W | 12.03.3132 – 20 | Cableadapter | DP – Mini DP | M/F | 0.1 | v 1.2 | – | yes | white | 3840 x 2160 | yes |

* depends on graphic card / ** only ONE single output available (DVI or HDMI or DP - 12.99.3150) / (HDMI or VGA - 12.03.3161)

## VALUE Cableadapter, VGA+Audio - HDMI, M/F

- Easy and simple solution to connect media and display devices
- Ideal for projectors, presentations or any other audio/visual project (e.g. multimedia presentation) you may have
- Allows the upscaling of analog VGA signals to digital HDMI signals, ideal for connecting PCs and laptops to HDMI displays such as HDTVs
- Supports both video and audio, 1080p resolution
- The converter takes audio from the computer via 3.5mm connector and embeds it to the HDMI output along with the video
- The cableadapter features a MicroB USB port for an connection to a USB power source (connection is required)
- VGA cable adapter: 0.15m Audio cable length: 0.5m USB cable length: 1m
- Maximum resolution: 1920 x 1080
- Color: black




| | Order-No. | – P.U. |
|---|---|---|
| VALUE Cableadapter, VGA+Audio - HDMI, M/F, 0.15 m | 12.99.3117 | – 10 |

## VALUE Cableadapter, Micro HDMI - VGA, M/F

- Micro HDMI to VGA Cableadapter provides you the interoperability of notebooks/laptops systems (with a Micro HDMI out interface) with analog projectors/ displays (with VGA connector).
- Connect the laptop to an extended display (with VGA connector) with VGA projectors.
- Audio is not supported over the VGA cable, it will be transmitted separately (3.5mm F)
- HDCP compliant
- Molded strain relief
- The approx. 10cm cableadapter reduces stain on the HDMI port of your tablet
- Maximum resolution: 1920 x 1080
- Length: 0.15m
- Color: black




| | Order-No. | – P.U. |
|---|---|---|
| VALUE Cableadapter, Micro HDMI - VGA, M/F, 0.15 m | 12.99.3118 | – 10 |

## VALUE Cableadapter, HDMI - VGA+Audio, M/F, (Stereo)

**Use modern notebooks with HDMI output on display units which have a VGA input!**

- Easy and simple solution to connect media and display devices
- Ideal for projectors, presentations or any other audio/visual project (e.g. multimedia presentation) you may have
- Supports both video and audio, 1080p resolution
- The audio signal from the HDMI source is transmitted to the audio input using a 3.5mm plug
- The cableadapter features a MicroB USB port for an connection to a USB power source (connection is required)
- Maximum resolution: 1920 x 1080 (1080p)
- Color: silver/black
- Length: 0.15m (HDMI)

Note: this adapter works only in one direction from HDMI to VGA




| | Order-No. | – P.U. |
|---|---|---|
| VALUE Cableadapter, HDMI - VGA+Audio, M/F, (Stereo) | 12.99.3119 | – 10 |

## ROLINE Cableadapter, VGA+Audio - HDMI, M/F, (7.1CH Audio Converter)

- Easy and simple solution to connect media and display devices
- Ideal for projectors, presentations or any other audio/visual project (e.g. multimedia presentation) you may have
- Allows the upscaling of analog VGA signals to digital HDMI signals, ideal for connecting PCs and laptops to HDMI displays such as HDTVs
- Supports both video and audio, 1080p resolution
- The converter takes audio from the computer via USB connector and embeds it to the HDMI output along with the video
- VGA cable adapter: 0.15m USB cable length: 0.15m
- Maximum resolution: 1920 x 1080
- Color: black




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| | Order-No. | – P.U. |
|---|---|---|
| ROLINE Cableadapter, VGA+Audio - HDMI, M/F, (7.1CH Audio Converter) | 12.03.3119 | – 10 |

## ROLINE DisplayPort-HDMI Adapter, 4K@60Hz, DP v1.4, DP M - HDMI F

4K

**For connecting an HDMI cable to a DisplayPort socket with a resolution of up to 3840x2160 @60Hz and HDR 10 support!**

- If you want to connect a graphic card with DisplayPort Female to a monitor by using a HDMI cable, you need this DisplayPort to HDMI adapter
- Connectors: DisplayPort Male, HDMI Female
- DisplayPort Version 1.4 allows increased resolutions, higher refresh rates, and greater color depth
- Support HRD10 (High Dynamic Range 10 static)

- Remark: The DisplayPort-HDMI adapter is only working in one direction: the Display-Port plug has to be connected to the source device (e.g. graphic card)



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| | Order-No. | – P.U. |
|---|---|---|
| ROLINE DisplayPort-HDMI Adapter, 4K@60Hz, DP v1.4, DP M - HDMI F | 12.03.3164 | – 10 |

## VALUE Cables Type C - VGA, DVI, HDMI, DisplayPort

**• USB 3.1 Cable Type C to VGA/DVI/HDMI/DisplayPort for Macbook**
• Connect your MacBook with USB-C port to any corespondent display or projector
• This adapter allows you to mirror your MacBook display to your TV or display
• No power adapter required
• Supports maximum resolutions up to 1920 x 1080 @60Hz (Full HD 1080p) – Type C- VGA
• Supports maximum resolutions up to 3840x2160 @ 30Hz- Type C- DVI
• Supports maximum resolutions up to 3840x2160 @ 60Hz- Type C- HDMI/DP

• Connectors: VGA Male and Type C Male (11.99.5820/11.99.5821/11.99.5822)
• Connectors: DVI Male and Type C Male (11.99.5830/11.99.5831)
• Connectors: HDMI Male and Type C Male (11.99.5840/11.99.5841)
• Connectors: DisplayPort Male and Type C Male (11.99.5845/11.99.5846)
• DisplayPort Version 1.2 allows increased resolutions, higher refresh rates, and greater color depth



| | Order-No. | P.U. |
|---|---|---|
| VALUE USB Type C - VGA Cable, M/M, 1 m | 11.99.5820 | 10 |
| VALUE USB Type C - VGA Cable, M/M, 2 m | 11.99.5821 | 10 |
| VALUE USB Type C - VGA Cable, M/M, 3 m | 11.99.5822 | 10 |

| | Order-No. | P.U. |
|---|---|---|
| VALUE USB Type C - DVI Cable, M/M, 1 m | 11.99.5831 | 10 |
| VALUE USB Type C - DVI Cable, M/M, 2 m | 11.99.5832 | 10 |

| | Order-No. | P.U. |
|---|---|---|
| VALUE Type C - HDMI Cable, M/M, 1 m | 11.99.5840 | 10 |
| VALUE Type C - HDMI Cable, M/M, 2 m | 11.99.5841 | 10 |

| | Order-No. | P.U. |
|---|---|---|
| VALUE Type C - DisplayPort Cable, M/M, 1 m | 11.99.5845 | 10 |
| VALUE Type C - DisplayPort Cable, M/M, 2 m | 11.99.5846 | 10 |

## ROLINE Cables Type C - VGA, DVI, HDMI, DisplayPort

**• USB 3.1 Cable Type C to VGA/DVI/HDMI/DisplayPort for Macbook**
• Connect your MacBook with USB-C port to any corespondent display or projector
• This adapter allows you to mirror your MacBook display to your TV or display
• No power adapter required
• Supports maximum resolutions up to 1920 x 1080 @60Hz (Full HD 1080p) – Type C- VGA
• Supports maximum resolutions up to 3840x2160 @ 30Hz- Type C- DVI
• Supports maximum resolutions up to 3840x2160 @ 60Hz- Type C- HDMI/DP

• Connectors: VGA Male and Type C Male (11.04.5820/11.04.5821/11.04.5822)
• Connectors: DVI Male and Type C Male (11.04.5830/11.04.5831)
• Connectors: HDMI Male and Type C Male (11.04.5840/11.04.5841)
• Connectors: DisplayPort Male and Type C Male (11.04.5845/11.04.5846)
• DisplayPort Version 1.2 allows increased resolutions, higher refresh rates, and greater color depth



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| | Order-No. | P.U. |
|---|---|---|
| ROLINE USB Type C - VGA Cable, M/M, 1 m | 11.04.5820 | 10 |
| ROLINE USB Type C - VGA Cable, M/M, 2 m | 11.04.5821 | 10 |
| ROLINE USB Type C - VGA Cable, M/M, 3 m | 11.04.5822 | 10 |

| | Order-No. | P.U. |
|---|---|---|
| ROLINE USB Type C - DVI Cable, M/M, 1 m | 11.04.5830 | 10 |
| ROLINE USB Type C - DVI Cable, M/M, 2 m | 11.04.5831 | 10 |

| | Order-No. | P.U. |
|---|---|---|
| ROLINE Type C - HDMI Cable, M/M, 1 m | 11.04.5840 | 10 |
| ROLINE Type C - HDMI Cable, M/M, 2 m | 11.04.5841 | 10 |
| ROLINE Type C - HDMI Cable, M/M, 3 m | 11.04.5842 | 10 |
| ROLINE Type C - HDMI Cable, M/M, 5 m | 11.04.5843 | 10 |

| | Order-No. | P.U. |
|---|---|---|
| ROLINE Type C - DisplayPort Cable, M/M, 1 m | 11.04.5845 | 10 |
| ROLINE Type C - DisplayPort Cable, M/M, 2 m | 11.04.5846 | 10 |

## ROLINE Type C - HDMI + USB C (PD) / USB A Cables

4K 2160p UHD-1

**This adapter cable enables you to mirror or expand the display of your device with USB Type C connection to a HDMI capable monitor, TV or projector - with a maximum resolution of 3840x2160 @60Hz! The additional USB Type C PD cable also provides the optimal power supply for your device.**
• USB 3.1 Type C to HDMI cable adapter for Macbook, Ultrabook, Notebook/Laptop or PC
• Mirror or expand your screen to another display device

• Connections: USB type C or USB A and HDMI connector for connecting source and display; USB type C PD socket or USB A for connecting a power supply
• Maximum resolution: 3840x2160 @60Hz




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| | | Order-No. | P.U. |
|---|---|---|---|
| ROLINE Type C - HDMI + USB C (PD) Cable, M/M, 1 m | A | 11.04.5950 | 10 |
| ROLINE Type C - HDMI + USB C (PD) Cable, M/M, 2 m | A | 11.04.5951 | 10 |
| ROLINE Type C - HDMI + USB C Cable, M/M, 1 m | B | 11.04.5952 | 10 |
| ROLINE Type C - HDMI + USB C Cable, M/M, 2 m | B | 11.04.5953 | 10 |
| ROLINE Type C - HDMI + USB A Cable, M/M, 1 m | C | 11.04.5955 | 10 |
| ROLINE Type C - HDMI + USB A Cable, M/M, 2 m | C | 11.04.5956 | 10 |

## VALUE Display Adapter, USB 3.1 Type C to VGA / DVI / HDMI / DisplayPort

**Connect one or more monitors to your tablet - such as a MacBook - with a USB type C port, or Projectors on.**


A


B


C


D

These display adapters are available for VGA, DVI, HDMI and (Mini-)DisplayPort.
- No software is required; simply connect - ready!
- Portable, compact design
- No power supply required
- Cable length: approx. 10 cm


E


F


G


H





I


J

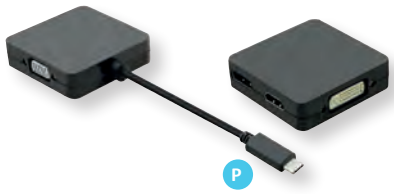

K


L


M


N


O


P

| Brand | Description / Connection Type | Video-Connection | USB3.1 PD Connection | Other Connections | Max. Resolution | Picture | Order-No. – P.U. |
|---|---|---|---|---|---|---|---|
| | **USB 3.1 Display Adapter Type** | | | | | | |
| VALUE | C - VGA | 1x HD15 F | - | | 2048 x 1536@50Hz | A | 12.99.3200 – 10 |
| VALUE | C - VGA + Audio | 1x HD15 F | - | 1x 3.5mm F | 1920 x 1080@60Hz | B | 12.99.3203 – 10 |
| VALUE | C - VGA + USB3.0 A + Typ C (PD) | 1x HD15 F | yes | 1x USB3.0 A F | 2048 x 1536@50Hz | C | 12.99.3201 – 10 |
| VALUE | C - DVI | 1x DVI-D F | - | | 1920 x 1200@60Hz | D | 12.99.3205 – 10 |
| VALUE | C - HDMI | 1x HDMI F | - | | 3840 x 2160@30Hz | E | 12.99.3210 – 10 |
| VALUE | C - 2x HDMI | 2x HDMI F | | | 3840 x 2160@30Hz | F | 12.99.1132 – 10 |
| VALUE | C - HDMI 4K | 1x HDMI F | - | | 3840 x 2160@60Hz | G | 12.99.3211 – 10 |
| VALUE | C - VGA + HDMI | 1x HDMI F | - | 1x HD15 F | HDMI: 3840 x 2160@30Hz VGA: 1920 x 1080@60Hz (2 output using at the same time: 1920 x 1080@60Hz) | H | 12.99.3215 – 10 |
| VALUE | C - HDMI + 2x USB 3.0 A + PD | 1x HDMI F | yes | 2x USB3.0 A F | 3840 x 2160@30Hz | I | 12.99.1133 – 10 |
| VALUE | C - HDMI + USB 3.0 A + PD | 1x HDMI F | yes | 1x USB3.0 A F | 3840 x 2160@30Hz | J | 12.99.1131 – 10 |
| VALUE | C - DisplayPort v1.2 | 1x DP F, v1.2 | - | | 3840 x 2160@60Hz | K | 12.99.3220 – 10 |
| VALUE | C - Mini DisplayPort v1.2, white | 1x Mini DP F, v1.2 | - | | 3840 x 2160@60Hz | L | 12.99.3225 – 10 |
| VALUE | C - Mini DisplayPort v1.2, black | 1x Mini DP F, v1.2 | - | | 3840 x 2160@60Hz | M | 12.99.3226 – 10 |
| VALUE | C - VGA + HDMI + DVI | 1x HDMI F | - | 1x HD15 F + DVI-D F | 3840 x 2160@60Hz | N | 12.99.3229 – 10 |
| VALUE | C - VGA + HDMI + DVI + DP | 1x HDMI F | - | 1x HD15 F + DVI-D F + DP F | 3840 x 2160@60Hz | O | 12.99.3230 – 5 |
| VALUE | C - VGA + HDMI + DVI + DP | 1x HDMI F | - | 1x HD15 F + DVI-D F + DP F | 3840 x 2160@60Hz | P | 12.99.3231 – 5 |

## ROLINE Display Adapter, USB 3.1 Type C to VGA / DVI / HDMI / DisplayPort

**Connect one or more monitors or projectors to your tablet - such as a MacBook - with a USB Type C port. These display adapters are available for VGA, DVI, HDMI and (Mini-)DisplayPort.**

- No software is required; simply connect ready!
- Portable, compact design
- No power supply required
- Cable length: approx. 10 cm

**• Only for 12.03.3201, 12.02.1130 and 12.02.1134: The tablet can be charged via USB 3.1 Power Delivery (PD) in parallel to video operation**




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| Brand | Description / Connection Type | Video-Connection | USB3.1 PD Connection | Other Connections | Max. Resolution | Picture | Order-No. – P.U. |
|---|---|---|---|---|---|---|---|
| | **USB 3.1 Display Adapter Type** | | | | | | |
| ROLINE | C - VGA | 1x HD15 F | - | - | 1920 x 1080@60Hz | A | 12.03.3200 – 10 |
| ROLINE | C - DVI | 1x DVI-I F | - | - | 3840 x 2160@30Hz | B | 12.03.3205 – 10 |
| ROLINE | C - DVI + USB3.0 Typ A + PD | 1x DVI-I F | yes | 1x USB3.0 A F | 1920 x 1080@60Hz | C | 12.02.1130 – 10 |
| ROLINE | C - HDMI | 1x HDMI F | - | - | 3840 x 2160@60Hz | D | 12.03.3210 – 10 |
| ROLINE | C - 2x HDMI | 2x HDMI F | - | - | 3840 x 2160@30Hz | E | 12.02.1132 – 10 |
| ROLINE | C - HDMI + USB3.0 Typ A + PD | 1x HDMI F | yes | 3x USB3.0 A F | 3840 x 2160@30Hz | F | 12.02.1134 – 10 |
| ROLINE | C - HDMI + PD | 1x HDMI F | yes | - | 3840 x 2160@60Hz | G | 12.03.3211 – 10 |
| ROLINE | C - DisplayPort v1.2 | 1x DP F, v1.2 | - | - | 3840 x 2160@60Hz | H | 12.03.3220 – 10 |
| ROLINE | C - Mini-DisplayPort v1.2 | 1x Mini DP F, v1.2 | - | - | 3840 x 2160@60Hz | J | 12.03.3225 – 10 |
| ROLINE | C - DisplayPort v1.2 + PD | 1x DP F, v1.2 | yes | - | 3840 x 2160@60Hz | K | 12.03.3221 – 10 |
| ROLINE | C - VGA + HDMI | 1x HD15 + HDMI F | - | - | HDMI: 3480 x 2160@30Hz VGA: 1920 x 1080@60Hz | L | 12.03.3215 – 5 |
| ROLINE | C - VGA + HDMI + DP | 1x HD15 + HDMI + DP F | - | - | 3840 x 2160@60Hz | M | 12.03.3230 – 8 |
| ROLINE | C - VGA + HDMI + DP | 1x HD15 + HDMI + DP F | - | - | 3840 x 2160@60Hz | N | 12.03.3138 – 20 |

## ROLINE Type C - HDMI Adapter, M/F

**Connect a TV, monitor or projector via HDMI to your MacBook, Ultrabook, notebook/laptop, PC or mobile device with USB Type C connection - at resolutions up to 3840x2160 @30Hz!**

- USB 3.1 / USB 3.2 Gen 2 Type C to HDMI adapter
- To mirror or expand your screen to a TV, monitor or beamer/projector
- Maximum resolution: 3840x2160 @30Hz
- Plug-in adapter with minimal form factor and solid aluminium housing in grey

- No additional power supply required
- Connections: HDMI socket and USB type C connector
- Contents:adapter



| | Order-No. – P.U. |
|---|---|
| ROLINE Type C - HDMI Adapter, M/F, grey | 12.03.3224 – 20 |

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## ROLINE GOLD Type C - HDMI / DisplayPort / VGA Adapter, M/F

NEW

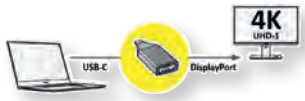
**Connect a TV, monitor or projector via HDMI / DP / VGA to your MacBook, Ultrabook, notebook/laptop, PC or mobile device with USB Type C connection (such as an Android phone or Apple iPad Pro) - with resolutions of up to 3840x2160 @60Hz!**

- USB 3.1 / USB 3.2 Gen 2 Type C to HDMI adapter
- To mirror or expand your screen to a TV, monitor or beamer/projector
- Maximum resolution: up to 3840x2160 @60Hz (HDMI/ DP) 1920x1080 (VGA)
- Plug-in adapter with minimal form factor and solid aluminium housing
- No additional power supply required
- Connections: HDMI socket and USB type C connector
- Contents: adapter











| | Order-No. | – P.U. |
|---|---|---|
| ROLINE Type C - HDMI Adapter, M/F | 12.03.3226 | – 10 |
| ROLINE Type C - DisplayPort Adapter, v1.2, M/F | 12.03.3227 | – 10 |
| ROLINE Type C - VGA Adapter, M/F | 12.03.3228 | – 10 |

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## ROLINE GOLD Type C - HDMI / DisplayPort / VGA Adapter, M/F

NEW

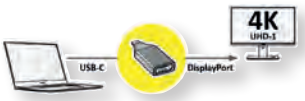
**Connect a TV, monitor or projector via HDMI / DisplayPort or VGA to your MacBook, Ultrabook, notebook/laptop, PC or mobile device with USB Type C connection (such as an Android phone or Apple iPad Pro) - with resolutions of up to 3840x2160 @60Hz!**

- USB 3.1 / USB 3.2 Gen 2 Type C to HDMI /DisplayPort /VGA adapter
- To mirror or expand your screen to a TV, monitor or beamer/projector
- Maximum resolution: up to 3840x2160 @60Hz (HDMI/ DP) 1920x1080 (VGA)
- Plug-in adapter with minimal form factor and solid aluminium housing
- No additional power supply required
- Connections: HDMI / DisplayPort / VGA socket and USB type C connector
- Contents: adapter













| | Order-No. | – P.U. |
|---|---|---|
| ROLINE GOLD Type C - HDMI Adapter, M/F | 12.03.3231 | – 10 |
| ROLINE GOLD Type C - DisplayPort Adapter, v1.2, M/F | 12.03.3232 | – 10 |
| ROLINE GOLD Type C - VGA Adapter, M/F | 12.03.3233 | – 10 |

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## ROLINE GOLD 4K Adapter, Active, v1.2, DP-HDMI

**DisplayPort to HDMI adapter for connecting a graphics card with DP to a monitor with HDMI connection - with a resolution of up to 3840x2160 @60Hz!**

- DisplayPort to HDMI Plug Adapter to connect an HDMI cable to a DisplayPort socket of the graphics card
- Active adapter with DisplayPort connector and HDMI socket
- DisplayPort v1.2 with resolutions up to 3840x2160 @60Hz
- Golden aluminium housing, golden plug and socket
- Note: The DisplayPort HDMI adapter only works in one direction: the DisplayPort connector can only be used on the data source side (e.g. graphics card)

What are the benefits of using Active adapters and converters?Active products can have a huge advantage when working with long cable runs and video conversion applications. In terms of video converters, active units generally have hardware inside to improve your image.










| | Order-No. | – P.U. |
|---|---|---|
| ROLINE GOLD 4K Adapter, active, v1.2, DP-HDMI, M/F | 12.03.3158 | – 20 |

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## ROLINE Type C - HDMI Adapter, M/F

**Connect a monitor or projector with HDMI interface to your MacBook, Ultrabook, notebook/laptop or PC with USB Type C port - with a maximum resolution of up to 3840x2160 @60Hz; The flat silicone cable provides maximum flexibility!**

- USB 3.1 Type C to HDMI Cableadapter
- Connect your device with USB-C port to any HDMI display or projector
- This adapter allows you to mirror or extend your display to any HDMI-enabled TV or display
- Portable design
- No power adapter required
- Connectors: HDMI Female and Type C Male
- Cable length: ca. 13 cm




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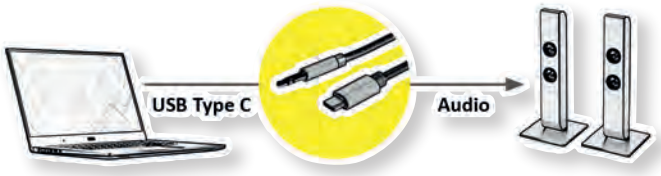
| | Order-No. | P.U. |
|---|---|---|
| ROLINE Type C - HDMI Adapter, M/F, 0.13 m | 12.03.3212 | 10 |

## ROLINE Type C - 3.5mm Audio Adapter, M/M

**First choice for your Type C USB devices that don't have a 3.5mm jack, such as MacBooks, Ultrabooks, smartphones, and tablets - this cable helps you to connect these devices to headphones, headsets, and Hi-Fi systems!**

- The adapter cable converts the USB Type C into a 3.5mm stereo plug.
- Reversible design for the USB Type C connector
- Stable signal transmission for clear sound and voice quality
- Portable for mobile use
- Dark grey aluminium connector housing combined with a black cotton braid around the cable
- Connector: 3.5mm plug and Type C plug






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| | Order-No. | P.U. |
|---|---|---|
| ROLINE Type C - 3.5mm Audio Adapter, M/M, 0.8 m | 12.03.3216 | 20 |
| ROLINE Type C - 3.5mm Audio Adapter, M/M, 1.8 m | 12.03.3217 | 20 |
| ROLINE Type C - 3.5mm Audio Adapter, M/M, 3 m | 12.03.3218 | 10 |

## VALUE Type C - 2x 3.5mm Audio Adapter, M/F

**First choice for your Type C USB devices that don't have a 3.5mm jack, such as MacBooks or Ultrabooks, as well as smartphones and tablets.**

- The adapter cable converts the USB Type C into two 3.5mm audio jacks, one each for microphone and headphones.
- Reversible design for the USB Type C connector
- Stable signal transmission
- Portable for mobile use
- Color-coded jacks with headphone/microphone icons
- Connectors: 2x 3.5mm sockets and 1x type C connector
- Cable length: approx. 13 cm






Value®

| | Order-No. | P.U. |
|---|---|---|
| VALUE Type C - 2x 3.5mm Audio Adapter, M/F, 0.15 m | 12.99.3213 | 10 |

## ROLINE Type C - 2x 3.5mm Audio Adapter, M/F

**First choice for your Type C USB devices that don't have a 3.5mm jack, such as MacBooks or Ultrabooks, as well as smartphones and tablets.**

- The adapter cable converts the USB Type C into two 3.5mm audio jacks, one each for microphone and headphones.
- Reversible design for the USB Type C connector
- Stable signal transmission
- Narrow plastic housing for mobile applications
- Color-coded jacks with headphone/microphone icons
- Connectors: 2x 3.5mm sockets and 1x type C connector
- Cable length: approx. 13 cm







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| | Order-No. – P.U. |
|---|---|
| ROLINE Type C - 2x 3.5mm Audio Adapter, M/F, 0.15 m | 12.03.3209 – 20 |

## ROLINE Type C - 2x Type C (Audio + PD), M/F

**First choice for your USB Type C devices that aren't equipped with a 3.5mm jack, like MacBooks or other Ultrabooks, as well as Smartphones and Tablets.**

- The adapter cable allows the connection of a headset with C connector to a USB type C socket
- Reversible design for the USB Type C connector
- Stable signal transmission
- Portable design
- Connectors: 2x Type C Female and 1x Type C Male
- Power Delivery Function (for charging of devices via the additional type-C connection)
- Cable length: ca. 13 cm






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| | Order-No. – P.U. |
|---|---|
| ROLINE Type C - 2x Type C (Audio + PD), M/F, 0.13 m | 12.03.3219 – 10 |

## ROLINE USB Type C - 1x 3.5mm Audio + 1x Type C (PD), M/F

**First choice for your USB Type C devices that aren't equipped with a 3.5mm jack, like MacBooks or other Ultrabooks, as well as Smartphones and Tablets.**

- The adapter cable allows the connection of a headset or headphones with 3.5mm stereo plug and offers an additional USB Type C port for parallel charging of your terminal device
- Reversible design for the USB Type C connector
- Stable signal transmission
- Flexible, durable cable, perfectly suited for mobile use
- Connectors: 1x 3.5mm stereo jack and 1x USB type C connector
- Power delivery function (for charging devices via the additional type C connector)
- Cable length: approx. 13 cm







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| | Order-No. – P.U. |
|---|---|
| ROLINE USB Type C - 1x 3.5mm Audio + 1x Type C (PD), M/F, 0.13 m | 12.03.3222 – 10 |

## ROLINE USB Type 8 Pin - 3.5mm Audio Adapter, M/F

**First choice for your iPads/iPhones with Lightning jack, which are not equipped with a 3.5mm audio connector - to make calls/conferences or simply listen to music.**

- The adapter cable converts the Lightning socket of your iPhone/iPad into a 3.5mm audio socket.
- Reversible design for the Lightning connector
- Stable signal transmission
- Flexible, durable cable, perfectly suited for mobile use
- Connector: 3,5mm socket and Lightning plug
- Cable length: approx. 13 cm




Made for iPhone | iPad | iPod




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| | Order-No. – P.U. |
|---|---|
| ROLINE USB Type 8 Pin - 3.5mm Audio Adapter, M/F, 0.13 m | 12.03.3214 – 10 |

## VALUE / ROLINE / ROLINE GOLD USB Type C - 3.5mm Audio Adapter, M/F

**First choice for your USB Type C devices that aren't equipped with a 3.5mm jack, like MacBooks or other Ultrabooks, as well as Smartphones and Tablets.**

- The adapter cable converts USB Type C to 3.5mm Audio jack
- Reversible design for the USB Type C connector
- Stable signal transmission
- Portable design
- Connectors: 3.5mm Female and Type C Male
- Cable length: ca. 13 cm






| | Order-No. – P.U. |
|---|---|
| VALUE Adapter USB Typ C - 3,5mm Audio, ST/BU, 0,13 m | 12.99.3214 – 10 |
| ROLINE Adapter USB Typ C - 3,5mm Audio, 0,13 m | 12.03.3213 – 10 |
| ROLINE GOLD Adapter USB Typ C - 3,5mm Audio, ST/BU, 0,13 m | 12.03.3223 – 10 |

## ROLINE GOLD Audio / Video Cables

- The plugs are gold coated to enhance their contact durability
- Nylon-reinforced outer material for a better stability
- Color: Black / Gold




| Audio- / Video Cables | Length | Order-No. – P.U. |
|---|---|---|
| **Cinch Cable (Picture A)** | | |
| ROLINE GOLD Cinch Cable simplex M / M, red | 2.5m | 11.09.4231 – 10 |
| ROLINE GOLD Cinch Cable simplex M / M, white | 2.5m | 11.09.4232 – 10 |
| ROLINE GOLD Cinch Cable simplex M / M, yellow | 2.5m | 11.09.4233 – 10 |
| ROLINE GOLD Cinch Cable simplex M / M, red | 5.0m | 11.09.4251 – 5 |
| ROLINE GOLD Cinch Cable simplex M / M, white | 5.0m | 11.09.4252 – 5 |
| ROLINE GOLD Cinch Cable simplex M / M, white | 5.0m | 11.09.4253 – 5 |
| **3.5mm-to-Cinch Cable (Picture B)** | | |
| ROLINE GOLD Audio Cable 3.5mm Stereo – 2x Cinch (RCA), M / M | 2.5m | 11.09.4273 – 10 |
| ROLINE GOLD Audio Cable 3.5mm Stereo – 2x Cinch (RCA), M / M | 5.0m | 11.09.4276 – 5 |
| ROLINE GOLD Audio Cable 3.5mm Stereo – 2x Cinch (RCA), M / M | 10m | 11.09.4279 – 5 |
| **3.5mm Cable (Picture C)** | | |
| ROLINE GOLD 3.5mm Audio Cable M / M | 2.5m | 11.09.4283 – 10 |
| ROLINE GOLD 3.5mm Audio Cable M / M | 5.0m | 11.09.4285 – 5 |
| ROLINE GOLD 3.5mm Audio Cable M / M | 10m | 11.09.4289 – 5 |
| **3.5mm Extension Cable (Picture D)** | | |
| ROLINE GOLD 3.5mm Audio-Extension Cable M / F | 2.5m | 11.09.4753 – 10 |
| ROLINE GOLD 3.5mm Audio-Extension Cable M / F | 5.0m | 11.09.4755 – 5 |
| ROLINE GOLD 3.5mm Audio-Extension Cable M / F | 10m | 11.09.4759 – 5 |
| **3.5mm Adapter** | | |
| ROLINE GOLD Stereo Adapter 6.35 mm M – 3.5 mm F (Picture E) | | 11.09.4211 – 10 |
| ROLINE GOLD Stereo Adapter 3.5 mm M – 6.35 mm F (Picture F) | | 11.09.4212 – 10 |
| ROLINE GOLD 3.5mm Adaptercable (1x M, 2x F) (Picture G) | 0.2m | 11.09.4213 – 10 |

## VALUE / ROLINE Audio / Video Cables

- Area of application: multimedia, home theater and hi-fi systems (connection between DVD players or game consoles equipped with a Dolby Digital / dts decoder ...)




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| Audio / Video Cable | Length | Order-No. – P.U. |
|---|---|---|
| **AV-Fiber Cable (Picture A)** | | |
| VALUE Fiber Cable Toslink M-M | 1.0 m | 11.99.4381 – 50 |
| VALUE Fiber Cable Toslink M-M | 2.0 m | 11.99.4382 – 30 |
| VALUE Fiber Cable Toslink M-M | 3.0 m | 11.99.4383 – 20 |
| VALUE Fiber Cable Toslink M-M | 5.0 m | 11.99.4385 – 10 |
| VALUE Fiber Cable Toslink M-M | 10.0 m | 11.99.4389 – 5 |
| ROLINE Fiber Cable Toslink M-M | 1.0 m | 11.09.4381 – 50 |
| ROLINE Fiber Cable Toslink M-M | 2.0 m | 11.09.4382 – 30 |
| ROLINE Fiber Cable Toslink M-M | 3.0 m | 11.09.4383 – 20 |
| ROLINE Fiber Cable Toslink M-M | 5.0 m | 11.09.4385 – 10 |
| ROLINE Fiber Cable Toslink M-M | 10.0 m | 11.09.4389 – 5 |
| **Cinch Cable (Picture B)** | | |
| VALUE Cinch Cable simplex M-F | 5.0 m | 11.99.4325 – 30 |
| VALUE Cinch Cable simplex M-F | 10.0 m | 11.99.4329 – 20 |
| VALUE Cinch Cable duplex M-F | 5.0 m | 11.99.4326 – 20 |
| VALUE Cinch Cable duplex M-F | 10.0 m | 11.99.4330 – 15 |
| **Cinch Cable (Picture C)** | | |
| VALUE Cinch Cable simplex M-M | 2.5 m | 11.99.4332 – 50 |
| VALUE Cinch Cable simplex M-M | 5.0 m | 11.99.4335 – 30 |
| VALUE Cinch Cable simplex M-M | 10.0 m | 11.99.4339 – 20 |
| VALUE Cinch Cable duplex M-M | 5.0 m | 11.99.4336 – 20 |
| VALUE Cinch Cable duplex M-M | 10.0 m | 11.99.4338 – 15 |
| ROLINE Cinch Cable duplex M-M | 5.0 m | 11.09.4336 – 20 |
| ROLINE Cinch Cable duplex M-M | 10.0 m | 11.09.4338 – 15 |

| Audio / Video Cable | Length | Order-No. – P.U. |
|---|---|---|
| **3.5mm Cinch Cable (Picture D)** | | |
| VALUE 3.5mm (M) Cinch (2x M) Cable | 1.5 m | 11.99.4341 – 50 |
| VALUE 3.5mm (M) Cinch (2x M) Cable | 5.0 m | 11.99.4345 – 30 |
| VALUE 3.5mm (M) Cinch (2x F) Cable | 0.2 m | 11.99.4340 – 100 |
| ROLINE 3.5mm (M) Cinch (2x M) Cable | 1.5 m | 11.09.4341 – 50 |
| ROLINE 3.5mm (M) Cinch (2x M) Cable | 5.0 m | 11.09.4345 – 30 |
| ROLINE 3.5mm (M) Cinch (2x M) Cable | 10.0 m | 11.09.4349 – 20 |
| ROLINE 3.5mm (M) Cinch (2x F) Cable | 0.2 m | 11.09.4340 – 100 |
| **3.5mm Cable(Picture E)** | | |
| ROLINE 3.5mm Cable M-M | 0.2 m | 11.09.4500 – 150 |
| ROLINE 3.5mm Cable M-M | 1.0 m | 11.09.4501 – 100 |
| ROLINE 3.5mm Cable M-M | 2.0 m | 11.09.4502 – 50 |
| ROLINE 3.5mm Cable M-M | 3.0 m | 11.09.4503 – 30 |
| ROLINE 3.5mm Cable M-M | 5.0 m | 11.09.4505 – 20 |
| ROLINE 3.5mm Cable M-M | 10.0 m | 11.09.4510 – 10 |
| **3.5mm Extension Cable (Picture F)** | | |
| VALUE 3.5mm Extension Cable M-F | 2.0 m | 11.99.4352 – 20 |
| VALUE 3.5mm Extension Cable M-F | 3.0 m | 11.99.4353 – 50 |
| VALUE 3.5mm Extension Cable M-F | 5.0 m | 11.99.4355 – 30 |
| VALUE 3.5mm Extension Cable M-F | 10.0 m | 11.99.4359 – 20 |
| ROLINE 3.5mm Extension Cable M-F | 2.0 m | 11.09.4352 – 20 |
| ROLINE 3.5mm Extension Cable M-F | 3.0 m | 11.09.4353 – 50 |
| ROLINE 3.5mm Extension Cable M-F | 5.0 m | 11.09.4355 – 30 |
| ROLINE 3.5mm Extension Cable M-F | 10.0 m | 11.09.4359 – 20 |
| **S-Video Cable, Mini DIN 4pol. M-M (Picture G)** | | |
| VALUE S-Video Cable | 3.0 m | 11.99.4363 – 50 |
| VALUE S-Video Cable | 5.0 m | 11.99.4365 – 30 |

## VALUE / ROLINE Audio Adapters

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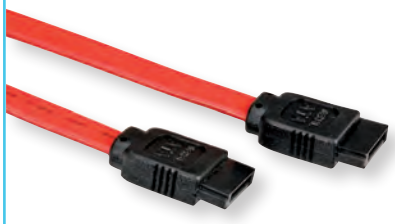
Value®




| | | Order-No. – P.U. |
|---|---|---|
| VALUE 3.5mm Adapter, 1x 3.5mm M to 2x 3.5mm F | A | 11.99.4440 – 100 |
| VALUE 3.5mm Adapter, 1x 3.5mm M to 2x RCA F | B | 11.99.4441 – 100 |
| ROLINE 4 Conductor 3.5 mm Stereo Plug (speaker+microphone), 15 cm | C | 11.09.4441 – 20 |
| ROLINE 3.5 mm Stereo Coupler, F/F | D | 11.09.4442 – 10 |
| ROLINE Stereo Adapter 3.5 mm Male - 6.35 mm Female | E | 11.09.4443 – 10 |
| ROLINE Stereo Adapter 6.35 mm Male - 3.5 mm Female | F | 11.09.4444 – 10 |
| ROLINE Stereo Adapter 3.5 mm Male - 2.5 mm Female | G | 11.09.4445 – 10 |
| ROLINE Stereo Adapter 2.5 mm Male - 3.5 mm Female | H | 11.09.4446 – 10 |
| ROLINE Audio Converter Digital to Analogue | I | 14.01.3441 – 5 |

## VALUE Internal SATA 3.0 Gbit/s Cable

- Cables for the connection of a SATA 3.0 Gbit/s (SATA II) HDD to a Serial ATA controller
- Support data transfer rates of up to 3.0 Gbit/s
- Compatible with SATA 1.5 Gbit/s (SATA I)
- Narrow cable design to increase Internal air flow
- 4-pin cable with ground wires
- Connectors: 2x internal 7-pin SATA



| | Order-No. – P.U. |
|---|---|
| VALUE Internal SATA 3.0 Gbit/s Cable, 0.5 m | 11.99.1555 – 100 |
| VALUE Internal SATA 3.0 Gbit/s Cable, 1.0 m | 11.99.1560 – 100 |
| VALUE Internal SATA 3.0 Gbit/s Cable, angled, 0.5 m | 11.99.1556 – 100 |
| VALUE Internal SATA 3.0 Gbit/s Cable, angled, 1.0 m % | 11.99.1561 – 100 |

## ROLINE Internal SATA 3.0 Gbit/s Cable

The narrow high quality cable design simplifies cable, routing and installation and improves the internal air flow.

- Connect your high-speed Serial ATA device (e. g. HDD) to a Serial ATA Controller
- Support data transfer rates of up to 3.0 Gbit/s (SATA II)
- Compatible with SATA 1.5 Gbit/s (SATA I)
- 4-pin cable with ground wires
- Connectors: 2x internal 7-pin SATA

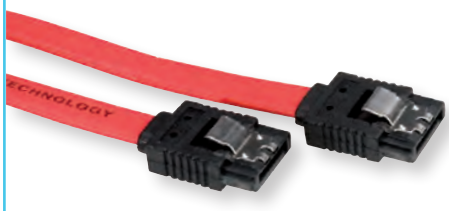


| | Order-No. – P.U. |
|---|---|
| ROLINE Internal SATA 3.0 Gbit/s Cable, 0.5 m | 11.03.1555 – 100 |
| ROLINE Internal SATA 3.0 Gbit/s Cable, 1.0 m % | 11.03.1560 – 100 |
| ROLINE Internal SATA 3.0 Gbit/s Cable, angled, 0.5 m | 11.03.1556 – 100 |
| ROLINE Internal SATA 3.0 Gbit/s Cable, angled, 1.0 m % | 11.03.1561 – 100 |

## ROLINE Internal SATA 3.0 Gbit/s Cable with Latch

Utilizing the SATA II specification and with it's unique locking latch, you can rest assured your system is safe and secure.

- Connect your high-speed Serial ATA device (e. g. HDD) to a Serial ATA Controller
- Support data transfer rates of up to 3.0 Gbit/s
- Compatible with SATA 1.5 Gbit/s (SATA I)
- With latch on both connectors
- Narrow cable design to increase Internal air flow
- 4-pin cable with ground wires
- Connectors: 2x internal 7-pin SATA

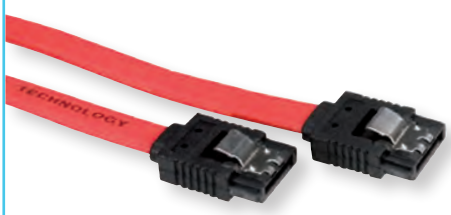


| | Order-No. – P.U. |
|---|---|
| ROLINE Internal SATA 3.0 Gbit/s Cable with Latch, 0.5 m | 11.03.1554 – 50 |
| ROLINE Internal SATA 3.0 Gbit/s Cable with Latch, 1.0 m | 11.03.1559 – 50 |

## VALUE Internal SATA 6.0 Gbit/s Cable with Latch

Some of the advantages of the new ATA series (SATA technology) are conditional on the use of relatively thin and flexible cables, which simplifies the use in the computer substantially and also brings a clear improvement to the air flow inside the computer housing.

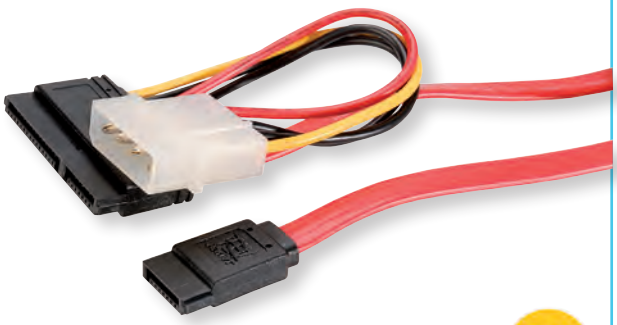
- Connect your high-speed Serial ATA device (e. g. HDD) to a Serial ATA controller
- Support data transfer rates of up to 6.0 Gbit/s
- Compatible with SATA 1.5 Gbit/s (SATA I) and 3.0 Gbit/s (SATA II)
- 4-pin cable with ground wires
- Connectors: 2x internal 7-pin SATA with latch on both connectors



| | Order-No. – P.U. |
|---|---|
| VALUE Internal SATA 6.0 Gbit/s Cable with Latch, 0.5 m | 11.99.1550 – 20 |
| VALUE Internal SATA 6.0 Gbit/s Cable with Latch, 1.0 m | 11.99.1551 – 20 |

## ROLINE SATA 3.0 Gbit/s Data and Power Cable (4-pin HDD)

- Serial ATA is a high performance interface for IDE storage devices, and is the evolutionary replacement for the longstanding ATA physical storage interface
- High quality combo-cable for a SATA HDD
- Can be utilized alongside the existing PC architecture without the need for physical modification
- The thin serial ATA cables also significantly improve airflow within a computer's chassis
- Transfer rate: up to 3.0 Gbit/s (SATA II)
- 4-pin cable with ground wire for data transfer
- 4 wires for the power supply (with adapter 5.25 power connector to SATA power connector)
- Connectors: SATA power and data connector to 7-pin SATA data and 4-pin 5.25 power connector



| | Order-No. – P.U. |
|---|---|
| ROLINE SATA 3.0 Gbit/s Data and Power Cable (4-pin HDD), 1.0 m | 11.03.1250 – 30 |

## ROLINE Internal SATA 6.0 Gbit/s Cables with Latch

Utilizing the SATA III specification and with it's unique locking latch, you can rest assured your system is safe and secure.
- Connect your high-speed Serial ATA device (e. g. HDD) to a Serial ATA Controller
- Support data transfer rates of up to 6.0 Gbit/s
- Compatible with SATA 1.5 Gbit/s (SATA I) and 3.0 Gbit/s (SATA II)
- Cable With latch on both connectors
- Narrow cable design to increase internal air flow
- 4-pin cable with ground wires
- Connectors: 2x internal 7-pin SATA

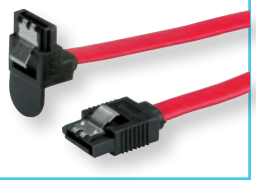


| | Order-No. – P.U. |
|---|---|
| ROLINE Internal SATA 6.0 Gbit/s Cable with Latch, 0.5 m | 11.03.1552 – 50 |
| ROLINE Internal SATA 6.0 Gbit/s Cable with Latch, 1.0 m | 11.03.1553 – 50 |

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## ROLINE Internal SATA 6.0 Gbit/s Cables, angled, with Latch

**Utilizing the SATA III specification and with it's unique locking latch, you can rest assured your system is safe and secure.**
- Connect your high-speed Serial ATA device (e. g. HDD) to a Serial ATA Controller
- Support data transfer rates of up to 6.0 Gbit/s
- Compatible with SATA 1.5 Gbit/s (SATA I) and 3.0 Gbit/s (SATA II)
- Cable with latch on both connectors
- Cable with connector angled to one side, with pull for easy removal
- Narrow cable design to increase internal air flow
- 4-pin cable with ground wires
- Connectors: 2x internal 7-pin SATA



| | Order-No. – P.U. |
|---|---|
| ROLINE Internal SATA 6.0 Gbit/s Cable, angled, with Latch, 0.5 m | 11.03.1564 – 25 |
| ROLINE Internal SATA 6.0 Gbit/s Cable, angled, with Latch, 1.0 m | 11.03.1565 – 25 |

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## ROLINE External SATA 6.0 Gbit/s Cables

ROLINE high quality HDD cables for the connection of an external SATA hard disk.
- Support data transfer rates of up to 6.0 Gbit/s (SATA III)
- Compatible with SATA 3.0 Gbit/s (SATA II), SATA 1.5 Gbit/s (SATA I)
- 4-pin cable with ground wires
- Connectors: 2x external 7-pin SATA 3.0 Gbit/s



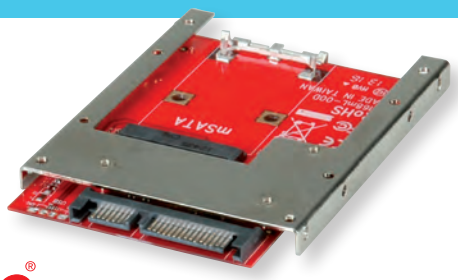
| | Order-No. – P.U. |
|---|---|
| ROLINE External SATA 6.0 Gbit/s Cable, 0.5 m | 11.03.1548 – 50 |
| ROLINE External SATA 6.0 Gbit/s Cable, 1.0 m | 11.03.1549 – 50 |

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## ROLINE Adapter, mSATA SSD to 2.5 SATA 22pin

**Best Solution that convert and easily retain mSATA SSD as normally standard 2.5 SATA SSD**

- Convert Full Size mSATA SSD to 2.5 Form Factor
- Supports up to SATA 6Gb/s
- Compatible with 2.5 SATA drive mechanical specifications
- 22 pin SATA (signals and power) male connector on board
- Transparent to the operating system and no driver required
- Latch mSATA connector on board, no need the screw for the retention of mSATA module
- Contents: adapter, 2.5 drive metal frame (with 8 mounting holes and 4 HDD screws), manual

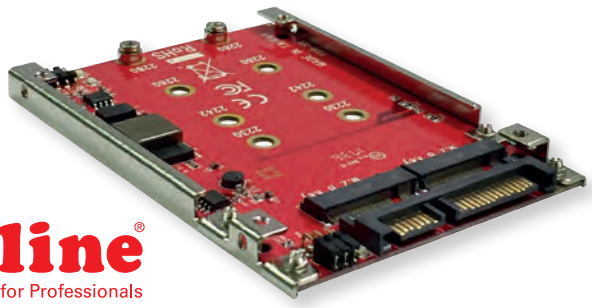



| | Order-No. – P.U. |
|---|---|
| ROLINE Adapter, mSATA SSD to 2.5 SATA 22pin | 11.03.1567 – 10 |

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## ROLINE M.2 to SATA III SSD H/W adapter, 2x M.2 NGFF SSD, bootable and RAID-capable

**2.5-inch H/W adapter for the installation of two M. 2 SSDs (NGFF), bootable and RAID-compatible and with 6Gbit/s SATA connection!**
- Supports two M. 2 NGFF SSDs with form factor 2230, 2242, 2260 and 2280
- M.2 NGFF SATA SSDs can be primary boot device and contain operating system and applications.
- RAID 0 and RAID 1 configurable via hardware or software; configuration on the hardware side via 6 pins with jumper (jumper table on the back of the board)
- The 2.5 inch H/W adapter can be installed in a 2.5" housing and is therefore perfectly suited for mobile use.
- No drivers required
- Contents:HDD adapter



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| | Order-No. – P.U. |
|---|---|
| ROLINE M.2 to SATA III SSD H/W adapter, 2x M.2 NGFF SSD, bootable and RAID-capable | 16.01.4145 – 10 |

## ROLINE Internal Power Supply Cables

- **11.03.1016: (A)**
- Extension cable from the power supply to the ATX 2.0 motherboard; 24-pin motherboard connector (M/F); length: 0.3 m

- **11.03.1019: (B)**
- For connection of a power supply to a Intel Pentium mainboard with P4 port via standard power supply and HDD-4-pin power plug; length: 0.15m

- **11.03.1021: (C)**
- Additional power supply cable for mainboard and CPU. Plugs: Power 8 pin PCI Express > HDD-4-pin power plug (3 pin connected); length: 0.15 m

- **11.03.1010: (D)**
- Internal power supply cables for an additional type 5.25 or type 3.5 disk drives; Y-model; 4-pin HDD M to 4-pin HDD F / 4-pin FDD F; length: 0.3 m

- **11.03.1005: (E)**
- Internal power supply cables for two additional type 5.25 disk drives; Y-model; 4-pin HDD M to 2x 4-pin HDD F; length: 0.3 m

- **11.03.1003: (F)**
- To expand the 4-pin HDD plug to four 4-pin HDD plugs, angled (90°); length: 2x 0.45 m; distance between 4-pin HDD plug and first angled 4-pin HDD plug: 0.3 m; distance between first angled 4-pin HDD plug and second angled 4-pin HDD plug: 0.15 m

- **11.03.1050: (G)**
- To convert the 4-pin HDD plug to two SATA power connectors; to connect two SATA devices to one 4-pin HDD plug; length: 2x 0.12 m

- **11.03.1055: (H)**
- Adapter cable for converting the 4-pin HDD interface to the SATA power connector; 4-pin cable, connections: 4-pin HDD plug to 15-pin SATA power connector; length: 0.15 m

- **11.03.1061: (I)**
- Adapter cable for converting the 4-pin HDD interface to the SATA power connector; 4-pin HDD plug to 15-pin SATA power connector; angled (90°); length: 0.1 m

- **11.03.1060: (J)**
- Adapter for converting the 4-pin HDD interface to the SATA power connector

- **11.03.1040: (K)**
- Y-adapter cable for converting the SATA power connector to up to 3 additional 4-pin HDD plugs; 3x 4-pin HDD plug to 1x SATA; length 11.5 cm and 12.5 cm

- **11.03.1041: (L)**
- Y-adapter cable for converting one SATA power connector to up to 3 additional SATA power connectors; 3x SATA M to 1x SATA; length 0.24 m and 0.23 m

- **11.03.1042: (M)**
- Extension cable for a SATA power connection; SATA M to SATA F; length: 0.3 m




| | Order-No. | – P.U. |
|---|---|---|
| ROLINE ATX 2.0 Power Extension Cable, 24-pin, 0.3 m | 11.03.1016 | – 50 |
| ROLINE Internal Power Cable, 4-pin HDD/ ATX12V-P4 4-pin Power, 0.15 m | 11.03.1019 | – 10 |
| ROLINE Internal Power Cable, 8 pin PCI Express Plug - P4 Plug, 0.15 m | 11.03.1021 | – 10 |
| ROLINE Int. Y-Power Cable, 4-pin HDD to 4-pin HDD+4-pin FDD, 0.3 m | 11.03.1010 | – 100 |
| ROLINE Internal Y-Power Cable, 4-pin HDD to 2x 4-pin HDD, 0.3 m | 11.03.1005 | – 100 |
| ROLINE Internal Y-Power Cable, 4-pin HDD to 4x 4-pin HDD (90°), 0.15 m | 11.03.1003 | – 50 |
| ROLINE Internal Y-Power Cable, 4-Pin HDD to 2x SATA, 0.12 m | 11.03.1050 | – 50 |
| ROLINE Power Adapter Cable, 4-Pin HDD to SATA, 0.15 m | 11.03.1055 | – 50 |
| ROLINE Power Adapter Cable, 4-pin HDD to SATA (90°), 0.1 m | 11.03.1061 | – 25 |
| ROLINE Power Adapter, 4-pin HDD to SATA | 11.03.1060 | – 25 |
| ROLINE Internal Y-Power Cable, SATA to 3x 4-pin HDD | 11.03.1040 | – 25 |
| ROLINE Internal Y-Power Cable, SATA to 3x SATA | 11.03.1041 | – 25 |
| ROLINE SATA Power Extension Cable, 0.3 m | 11.03.1042 | – 25 |

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## VALUE / ROLINE Monitor Power Cables, IEC 320 C14 - C13

- Monitor power cable with moulded plugs
- Connectors: IEC 320-C14 plug to IEC 320-C13 plug
- Nominal data: 250V AC/10A
- Colour: black

| | Order-No. | P.U. |
|---|---|---|
| VALUE Monitor Power Cable, IEC 320 C14 - C13, black, 0.5 m | 19.99.1505 | 20 |
| VALUE Monitor Power Cable, IEC 320 C14 - C13, black, 1 m | 19.99.1510 | 20 |
| VALUE Monitor Power Cable, IEC 320 C14 - C13, black, 1.8 m | 19.99.1515 | 50 |
| VALUE Monitor Power Cable, IEC 320 C14 - C13, black, 3 m | 19.99.1530 | 50 |
| ROLINE Monitor Power Cable, IEC 320 C14 - C13, black, 0.5 m | 19.08.1505 | 50 |
| ROLINE Monitor Power Cable, IEC 320 C14 - C13, black, 1 m | 19.08.1510 | 30 |
| ROLINE Monitor Power Cable, IEC 320 C14 - C13, black, 1.8 m | 19.08.1515 | 50 |
| ROLINE Monitor Power Cable, IEC 320 C14 - C13, black, 3 m | 19.08.1530 | 50 |
| VALUE Monitor Power Cable, IEC 320 C14 - C13, white, 1.8 m | 19.99.1516 | 50 |
| ROLINE Monitor Power Cable, IEC 320 C14 - C13, red, 0.8 m | 19.08.1525 | 25 |
| ROLINE Monitor Power Cable, IEC 320 C14 - C13, red, 1.8 m | 19.08.1520 | 25 |
| ROLINE Monitor Power Cable, IEC 320 C14 - C13, red, 3 m | 19.08.1531 | 25 |
| ROLINE Monitor Power Cable, IEC 320 C14 - C13, yellow, 0.8 m | 19.08.1526 | 25 |
| ROLINE Monitor Power Cable, IEC 320 C14 - C13, yellow, 1.8 m | 19.08.1521 | 25 |
| ROLINE Monitor Power Cable, IEC 320 C14 - C13, yellow, 3 m | 19.08.1532 | 25 |
| ROLINE Monitor Power Cable, IEC 320 C14 - C13, blue, 0.8 m | 19.08.1527 | 25 |
| ROLINE Monitor Power Cable, IEC 320 C14 - C13, blue, 1.8 m | 19.08.1522 | 25 |
| ROLINE Monitor Power Cable, IEC 320 C14 - C13, blue, 3 m | 19.08.1533 | 25 |
| ROLINE Monitor Power Cable, IEC 320 C14 - C13, green, 0.8 m | 19.08.1528 | 25 |
| ROLINE Monitor Power Cable, IEC 320 C14 - C13, green, 1.8 m | 19.08.1523 | 25 |
| ROLINE Monitor Power Cable, IEC 320 C14 - C13, green, 3 m | 19.08.1534 | 25 |

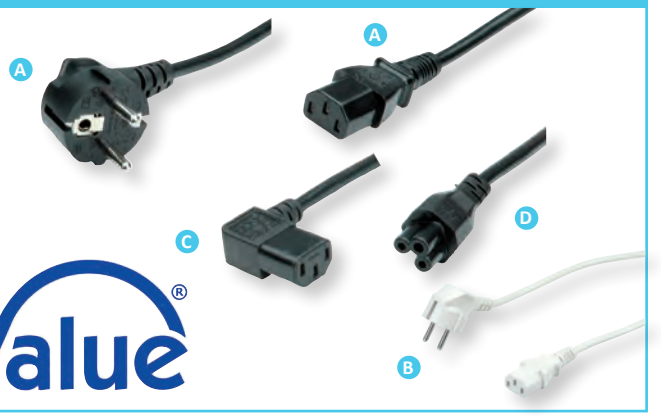



## VALUE Power Cables, straight IEC Conncector

**Cable with safety plug 90° angulate (Schuko plug) and IEC 320-C13**

- Plugs: Schuko plug to C13 plug
- Nominal data: 250V AC/2.5A
- Colour: black

| | | Order-No. | P.U. |
|---|---|---|---|
| VALUE Power Cable, straight IEC Conncector, black, 0.6 m | A | 19.99.1017 | 50 |
| VALUE Power Cable, straight IEC Conncector, black, 1.8 m | A | 19.99.1018 | 50 |
| VALUE Power Cable, straight IEC Conncector, white, 0.6 m | B | 19.99.1016 | 50 |
| VALUE Power Cable, straight IEC Conncector, white, 1.8 m | B | 19.99.1019 | 50 |
| VALUE Power Cable, angled IEC Connector, black, 1.8 m | C | 19.99.1118 | 50 |
| VALUE Power Cable, straight Compaq Connector, black, 1.8 m | D | 19.99.1028 | 20 |

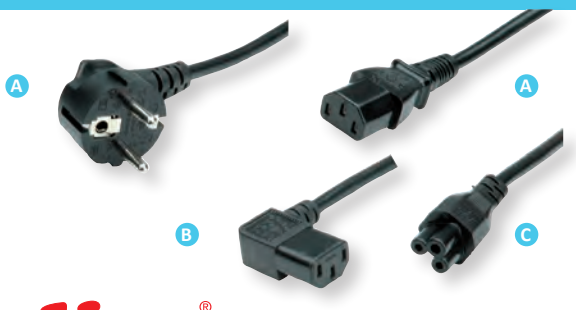



## ROLINE Power Cables, straight IEC Connector

**Cable with safety plug 90° angulate (Schuko plug) and IEC 320-C13**

- Plugs: Schuko plug to C13 plug
- Nominal data: 250V AC/10A
- Colour: black

| | | Order-No. | P.U. |
|---|---|---|---|
| ROLINE Power Cable, straight IEC Connector, black, 1.8 m | A | 19.08.1018 | 50 |
| ROLINE Power Cable, straight IEC Connector, 3 m | A | 19.08.1030 | 50 |
| ROLINE Power Cable, angled IEC Connector, 1.8 m | B | 19.08.1118 | 50 |
| ROLINE Power Cable, straight Compaq Connector, 1.8 m | C | 19.08.1028 | 20 |



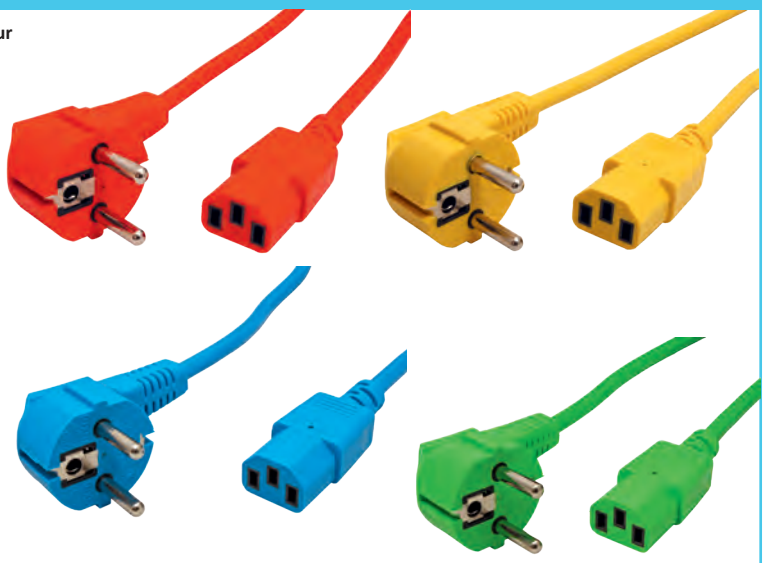
## ROLINE Power Cables, straight IEC Connector

**A great solution for neat cable management in any data center! We recommend our colored monitor power cables, e.g. 19.08.1520 (C14-C13), as additional products.**

Cable with safety plug 90° angulate (german type) and IEC 320-C13

- Plugs: safety plug to C13 plug
- Nominal data: 250V AC/2.5A

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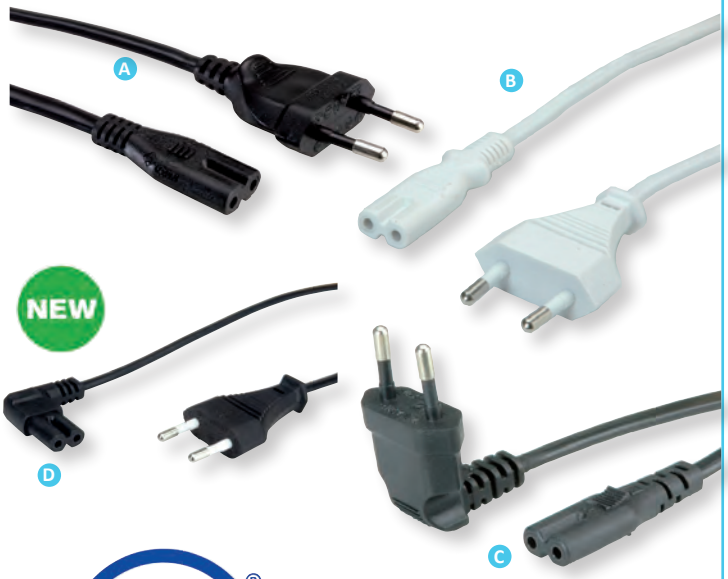


| | Order-No. – P.U. |
|---|---|
| ROLINE Power Cable, straight IEC Connector, red, 1.8 m | 19.08.1010 – 25 |
| ROLINE Power Cable, straight IEC Connector, yellow, 1.8 m | 19.08.1011 – 25 |
| ROLINE Power Cable, straight IEC Connector, blue, 1.8 m | 19.08.1012 – 25 |
| ROLINE Power Cable, straight IEC Connector, green, 1.8 m | 19.08.1013 – 25 |

## VALUE / ROLINE Euro Power Cables, 2-pin

- Suitable e.g. for notebook power supply
- Connectors: Europlug to IEC320-C7 plug
- Moulded plugs
- 250V AC/2.5A

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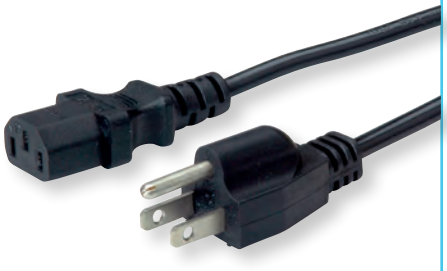

Value®

| | | Order-No. – P.U. |
|---|---|---|
| VALUE Euro Power Cable, 2-pin, black, 1 m | A | 19.99.2089 – 100 |
| VALUE Euro Power Cable, 2-pin, black, 1.8 m | A | 19.99.2096 – 100 |
| VALUE Euro Power Cable, 2-pin, black, 3 m | A | 19.99.2092 – 50 |
| VALUE Euro Power Cable, 2-pin, black, 5 m | A | 19.99.2094 – 50 |
| VALUE Euro Power Cable, 2-pin, angled, black, 1.8 m | C | 19.99.2093 – 100 |
| VALUE Euro Power Cable, 2-pin, white, 1 m | B | 19.99.2090 – 100 |
| VALUE Euro Power Cable, 2-pin, white, 1.8 m | B | 19.99.2095 – 100 |
| VALUE Euro Power Cable, 2-pin, white, 3 m | B | 19.99.2091 – 50 |
| ROLINE Euro Power Cable, 2-pin, black, 1.8 m | A | 19.07.2096 – 100 |
| ROLINE Euro Power Cable, 2-pin, black, 3 m | A | 19.07.2073 – 50 |
| ROLINE Euro Power Cable, 2-pin, black, 5 m | A | 19.07.2078 – 50 |
| VALUE Euro Power Cable, 2-pin, C/ connector 90° angled, black, 1.8 m | D | 19.99.2088 – 100 |
| ROLINE Euro Power Cable, 2-pin, angled, black, 1.8 m | C | 19.07.2093 – 100 |

## VALUE Power Cable, NEMA-5 – IEC C13 Conncector, USA

**Cable with plug NEMA-5 and IEC-C13**

- Plugs: NEMA-5 male to C13 female
- Nominal data: 125V AC/10A
- Colour: black
- **Suitable for USA**

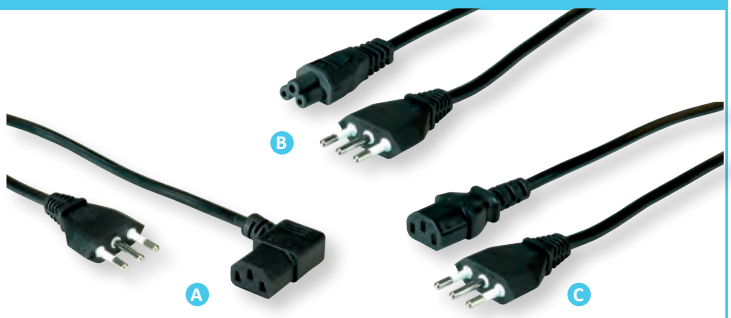


Value®

| | Order-No. – P.U. |
|---|---|
| Power Cable, NEMA-5 – IEC C13 Conncector, USA, black, 1.8 m | 19.99.1495 – 50 |

## VALUE Power Cables, Italy

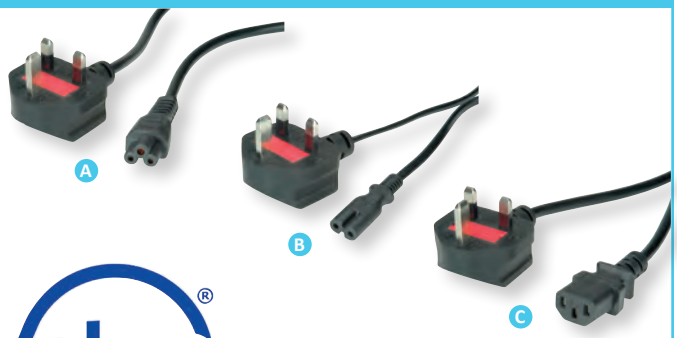
Cable with Italy safety plug 90° angled and IEC 320-C13
- Plugs: Italy plug to C13 plug
- Nominal data: 250V AC/2.5A
- Colour: black




| | | Order-No. | P.U. |
|---|---|---|---|
| VALUE Power Cable, angled IEC Connector, Italy, black, 1.8 m | A | 19.99.2070 | 50 |
| VALUE Power Cable, straight Compaq Connector, Italy, black, 1.8 m | B | 19.99.2071 | 50 |
| VALUE Power Cable, straight IEC Conncector, Italy Version, black, 1.8 m | C | 19.99.2072 | 50 |

## VALUE UK Power Cables, 3A/10A

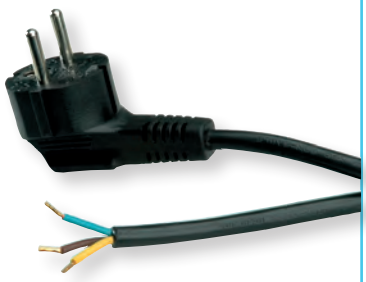
- Plugs: UK plug to C5 / C7 / C13 plug
- Nominal data: 250V AC / 3A or 10A
- Colour: black




| | | Order-No. | P.U. |
|---|---|---|---|
| VALUE UK Power Cable, straight Compaq Connector, 3A, black, 1.8 m | A | 19.99.2016 | 1 |
| VALUE UK Power Cable, 2-pin, black, 3A, 1.8 m | B | 19.99.2017 | 1 |
| VALUE UK Power Cable, straight IEC Conncector, 10A, black, 1.8 m | C | 19.99.2018 | 1 |
| VALUE UK Power Cable, straight IEC Conncector, 10A, black, 3 m | C | 19.99.2019 | 1 |

## ROLINE Power Cable with German Type Connector / Open End, AC 230V

- Cable with Schuko male connector, 16A / 230VAC
- Cable: H05VV-F 3G1 3x 0.75mm²
- Nominal data: 250 VAC/16 A
- Colour: black



| | Order-No. | P.U. |
|---|---|---|
| ROLINE Power Cable w. German connector / open end, AC 230V, black, 1.8 m | 19.08.1110 | 10 |
| ROLINE Power Cable w. German connector / open end, AC 230V, black, 3.0 m | 19.08.1111 | 10 |

## VALUE / ROLINE Y-Power Cable, 2x straight IEC Connector

**Cable with safety plug 90° angled (3P German Plug) and 2x IEC 320-C13 plug straight**

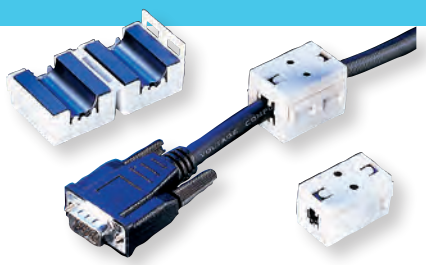
- Suitable for PC and monitor power connection
- Connectors: 3P German plug to 2x C13 plug
- Nominal data: 250V AC/10A
- Colour: black

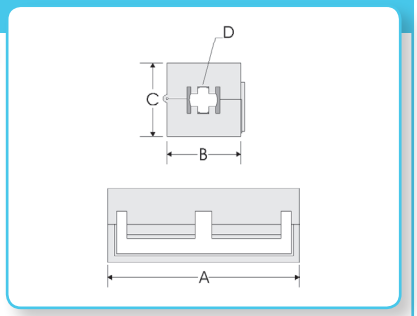


| | Order-No. | P.U. |
|---|---|---|
| VALUE Y-Power Cable, 2x straight IEC Connector, 2 m | 19.99.1022 | 50 |
| ROLINE Y-Power Cable, 2x straight IEC Connector, black, 2 m | 19.08.1022 | 50 |
| ROLINE Y-Power Cable, 2x straight IEC Connector, white, 2 m | 19.08.1023 | 50 |

## Filter Ferrite Cores

- For interference suppression on data lines
- For PC and peripherals
- Simple subsequent assembly
- Split conduit cores
- Nylon clip casing
- Protected against damage
- The casing clamps securely on the cable
- Universal application
- Casing UL 94-V-O






| | Order-No. | P.U. |
|---|---|---|
| Filter Ferrite - 6.5 mm | 11.05.1006 | 200 |
| Filter Ferrite - 10 mm | 11.05.1010 | 190 |

| Model | Dimensions in mm A | B | C | D | Impedance (Ohm) 25MHz | 100MHz | Frequency Range |
|---|---|---|---|---|---|---|---|
| Filter-ferrite-6.5 | 32.0 | 19.5 | 19.0 | 6.5 | 125 | 275 | 300MHz |
| Filter-ferrite-10 | 32.0 | 24.5 | 23.0 | 10.0 | 130 | 290 | 300MHz |

**Should not be mounted on the cable any further away than 10 cm from the plug!**

## ROLINE Mini Gender Changers

- Connection between two similar connectors
- Low leverage on the computer connector due to compact construction (17 mm long)
- All lines are connected 1:1
- Incl. locking screws



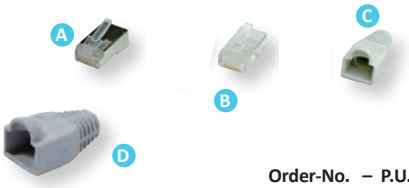
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| | Order-No. | P.U. |
|---|---|---|
| ROLINE Mini Gender Changer, 9-pin M - M | 12.03.2025 | 50 |
| ROLINE Mini Gender Changer, 9-pin F - F | 12.03.2030 | 50 |
| ROLINE Mini Gender Changer, 15-pin HD M - M | 12.03.2016 | 50 |
| ROLINE Mini Gender Changer, 15-pin HD F - F | 12.03.2021 | 50 |
| ROLINE Mini Gender Changer, 25-pin M - M | 12.03.2005 | 50 |
| ROLINE Mini Gender Changer, 25-pin F - F | 12.03.2010 | 50 |

## ROLINE Cat.5e Modular Plug, 8p8c, UTP, for Stranded Wire

- Unshielded modular plug for round cables
- For stranded wire AWG26
- For Cat.5e cabling systems
- Package unit: 10 pieces

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| | | Order-No. | P.U. |
|---|---|---|---|
| ROLINE Cat.5e Modular Plug, 8p8c, UTP, for Stranded Wire, 10 pcs. | A | 12.01.1087 | 100 |
| ROLINE Cat.5e Modular Plug, 8p8c, STP, for Stranded Wire, 10 pcs. | B | 12.01.1089 | 100 |
| ROLINE Kink protection hood for RJ-45, grey, 10 pcs. | C | 12.01.1085 | 100 |
| VALUE Kink protection hood for RJ-45 connector, grey, 10 pcs. | D | 12.99.0000 | 10 |

## RJ-12 Cable, 6P4C

- 4-wire flat telephone cable with 6-pole 4-contact RJ-12 (Western) plug
- Colour: white
- All pins connected 1: 1

Value®

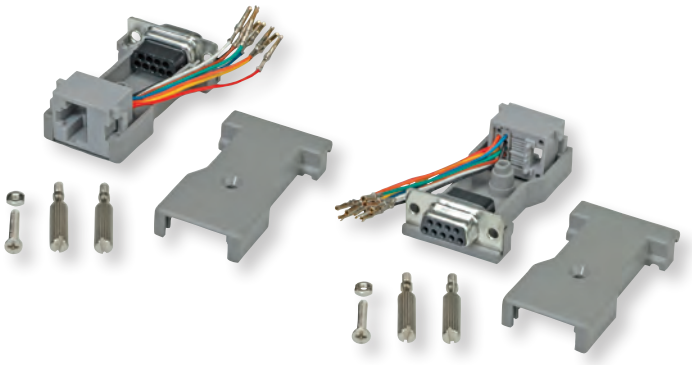


| | Order-No. | P.U. |
|---|---|---|
| RJ-12 Cable, 6P4C, 6 m | 11.04.1906 | 10 |
| RJ-12 Cable, 6P4C, 15 m | 11.04.1915 | 10 |

## ROLINE DB9 plug - RJ-45 socket 8P / 8C 8-Wire

- Simple assembly of serial lines through the modularity of the RJ45 connection systems
- An adapter is applied to each end and connected with a 8-wire prepared telephone cable
- **Remark: BULKWARE (200 pieces of each component), for regular packaging please order 12.03.7530-50**

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| | Order-No. | P.U. |
|---|---|---|
| ROLINE DB9 plug - RJ-45 socket 8P / 8C 8-Wire | 12.03.7525 | 50 |
| ROLINE DB9 socket - RJ-45 socket 8P / 8C 8-Wire | 12.03.7530 | 50 |
| ROLINE DB9 socket - RJ-45 socket 8P / 8C 8-Wire, 200 pieces | 12.03.7531 | 2 |

## D-Sub Connector Casings

- Suitable for D-Sub plug connectors
- Screwed, stable plastic casing
- Internal strain reduction
- With UN-4-40 locking screws which can't be lost
- Without connector



| | Order-No. | P.U. |
|---|---|---|
| D-Sub Connector Casing 9-pin/HD15 | 12.01.4005 | 200 |
| D-Sub Connector Casing 15-pin | 12.01.4010 | 200 |
| D-Sub Connector Casing 25-pin | 12.01.4015 | 200 |

## ROLINE USB 2.0 Gender Changer, Type A F/F

- Compact and small design
- Adaption of frequent USB interfaces
- Colour: Black

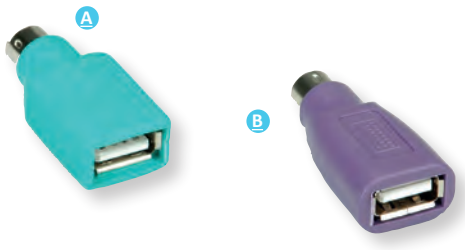
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| | | Order-No. | P.U. |
|---|---|---|---|
| ROLINE USB 2.0 Gender Changer, Type A F/F | A | 12.03.2960 | 50 |
| ROLINE USB 3.0 Gender Changer, Type A F/F | B | 12.03.2991 | 20 |

## VALUE PS/2 to USB Adapter

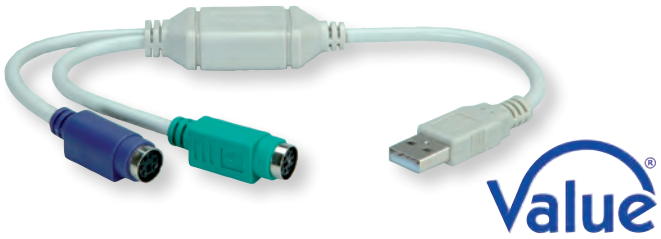
- Only for USB / PS/2 combo mouses
- USB mouse has to be connected to the adapter and the adapter has to be connected to the PS/2 port of the PC
- Ports: 1x USB Type A F, 1x PS/2 M




| | | Order-No. | P.U. |
|---|---|---|---|
| VALUE PS/2 to USB Adapter, Mouse, green | A | 12.99.1072 | 25 |
| VALUE PS/2 to USB Adapter, Keyboard, purple | B | 12.99.1073 | 25 |

## VALUE USB to 2x PS/2 Adapter Cable

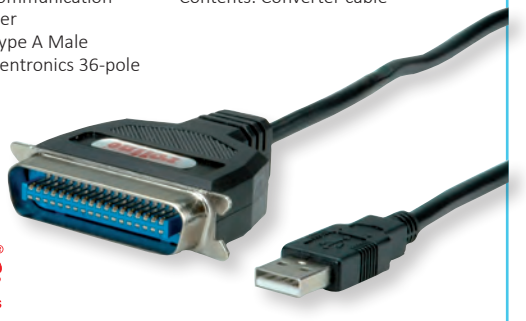
- Ideal for the use with actual notebooks, which do not offer PS/2 ports any longer
- The converter offers two additional PS/2 ports e.g to connect keyboard and mouse
- Compact converter for the connection to the USB interface of a notebook or PC
- Power over USB interface
- Connection: 1x USB Type A Male, 2x PS/2 F



| | Order-No. | P.U. |
|---|---|---|
| VALUE USB to 2x PS/2 Adapter Cable | 12.99.1075 | 50 |

## ROLINE USB to IEEE1284 Converter, C36

- For the connection of a printer with parallel port (IEEE 1284) to a PC with USB port
- USB specification revision 1.1 compliant
- Truly bi-dorectional communication between PC and printer
- Connection PC: USB type A Male
- Connection printer: Centronics 36-pole Male
- Bus powered
- Length: 1.8 m
- Colour: black
- Supported operating systems: Windows 2000/XP/Vista/7, Mac OS X
- Contents: Converter cable



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| | Order-No. | P.U. |
|---|---|---|
| ROLINE USB to IEEE1284 Converter, C36, 1.8 m | 12.02.1073 | 10 |

## VALUE USB to IEEE1284 Converter Cable

- To connect a printer with parallel interface (IEEE1284) to a PC with USB port
- Easy to install
- Power supplied by USB interface
- Connector: Centronics 36-pole male/ USB Type A Male
- Colour: turquiose (semi translucent)
- Contents: Converter cable



| | Order-No. | P.U. |
|---|---|---|
| VALUE USB to IEEE1284 Converter Cable, 1.8 m | 12.99.1150 | 10 |

## VALUE USB to RS-485 Converter

**This converter provides an extra Serial Com port via USB connection**

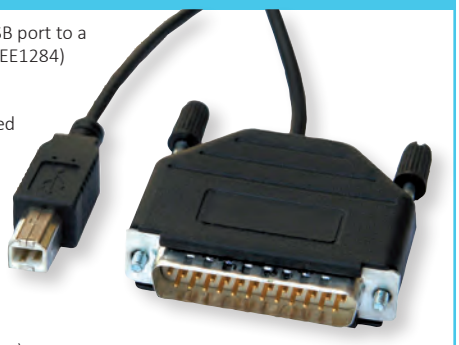
- To connect serial devices (e.g. modem) to one USB port
- Can be configured to work with RS-485 peripherals
- Full compliance with the USB specification 1.1
- Supports data transfer rates of up to 3 Mbit/s
- USB bus powered - no external power supply is needed
- Plug & play
- Supports Windows 98SE / ME / 2000 / XP / Vista / 7
- Contents: Converter, driver CD, manual



| | Order-No. | P.U. |
|---|---|---|
| VALUE USB to RS-485 Converter | 12.99.1074 | 25 |

## Converter Cable Parallel to USB

- To connect a printer with USB port to a PC with parallel interface (IEEE1284)
- Easy to install
- Power supplied by external power supply unit that is fixed to the converter
- Connection PC: parallel interface (IEEE1284) DB25 F
- Connection printer: USB type B
- Length: 1.8 m
- Colour: black
- Contents: Converter (cable length: 1.8 m) with moulded Power Supply Unit



| | Order-No. | P.U. |
|---|---|---|
| Converter Cable Parallel to USB, 1.8 m | 12.02.1074 | 1 |

## VALUE USB 3.2 Gen 1 to SATA 6.0 Gbit/s Adapter

**The simple way to connect a SATA III 6.0 Gbit/s hard drive to a computer or notebook via USB 3.1 / USB 3.2 Gen 1 Type A.**

- Easy way to connect a SATA 6.0 Gbit/s hard drive to a computer or notebook via a USB 3.1 / USB 3.2 Gen 1 port.
- Suitable for type 2.5 Serial ATA HDD/SSD
- Compatible with SATA 6.0 Gbit/s
- Supports transfer rates up to 5.0 Gbps
- Connection to Computer: USB Type A
- Connection to hard disk: 15-pin SATA power + 7-pin SATA data
- Hot-swap capable, Plug & Play
- Length USB cable: 0.15 m

Note: According to the current specifications of USB.org we have adapted the technical data of our USB 3 products. The new designation for the already known USB specifications has been changed to USB 3.2 Gen 1 (formerly USB 3.0 / USB 3.1 Gen 1) and USB 3.2 Gen 2 (formerly USB 3.1 / USB 3.1 Gen 2).

- Contents:

Adapter, manual



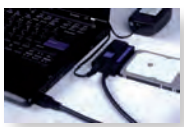



| | Order-No. | P.U. |
|---|---|---|
| VALUE USB 3.2 Gen 1 to SATA 6 Gbit/s Adapter | 12.99.1052 | 10 |

## VALUE USB3.2 Gen1 to SATA 6.0 Gbit/s Adapter

- Easy way to connect a SATA 6.0 Gbit/s hard disk to a computer or notebook over a SuperSpeed USB 3.0 port
- Suitable for type 2.5/3.5 Serial ATA HDD/SSD
- Compliant with USB 3.0, USB 2.0, USB 1.1
- Compliant with SATA 6.0 Gbit/s, SATA 3.0 Gbit/s, SATA 1.5 Gbit/s
- Supports transfer rates of up to 5.0 Gbit/s
- Connection to computer: USB 3.0
- Connection to HDD: 15-pin SATA power + 7-pin SATA data
- Hot-swappable, plug & play
- Length USB cable: 1.20 m
- Power supply included
- Supported Operating Systems: 2000/XP/Vista/7/8
- Contents: Adapter, power supply, manual





| | Order-No. | P.U. |
|---|---|---|
| VALUE USB3.2 Gen1 to SATA 6 Gbit/s Adapter, 1.2 m | 12.99.1049 | 10 |

## ROLINE USB3.2 Gen1 to SATA 6Gbit/s Adapter

- Easy way to connect a SATA 6.0 Gbit/s hard disk to a computer or notebook over a SuperSpeed USB 3.0 port
- Suitable for type 2.5/3.5 Serial ATA HDD/SSD
- Compliant with USB 3.0, USB 2.0, USB 1.1
- Compliant with SATA 6.0 Gbit/s, SATA 3.0 Gbit/s, SATA 1.5 Gbit/s
- Supports transfer rates of up to 5.0 Gbit/s
- Connection to computer: USB 3.0
- Connection to HDD: 15-pin SATA power + 7-pin SATA data
- Hot-swappable, plug & play
- Length USB cable: 0.15 m
- Supported Operating Systems: 2000/XP/Vista/7/8
- Contents: Adapter, manual



| | Order-No. | P.U. |
|---|---|---|
| ROLINE USB3.2 Gen1 to SATA 6 Gbit/s Adapter, 0.15 m | 12.02.1043 | 10 |

## VALUE USB 3.2 Gen 2 to SATA 6.0 Gbit/s Adapter

**The simple way to connect a SATA III 6.0 Gbit/s hard drive to a computer or notebook via USB 3.1 Type C.**

- Easy way to connect a SATA 6.0 Gbit/s hard disk to a computer or notebook over a SuperSpeed USB 3.1 port
- Suitable for type 2.5/3.5 Serial ATA HDD/SSD
- Compliant with USB 3.0, USB 2.0
- Compliant with SATA 6.0 Gbit/s, SATA 3.0 Gbit/s, SATA 1.5 Gbit/s
- Supports transfer rates of up to 5.0 Gbit/s
- Connection to computer: USB 3.1
- Connection to HDD: 15-pin SATA power + 7-pin SATA data
- Additional Micro USB B connection for power supply (if needed)
- Hot-swappable, Plug & Play
- Length USB cable: 0.15 m
- Supported Operating Systems: 2000/ XP/Vista/7/8/10
- Contents:Adapter, manual



| | Order-No. – P.U. |
|---|---|
| VALUE USB 3.2 Gen 2 to SATA 6.0 Gbit/s Adapter, 1 m | 12.99.1051 – 10 |

## ROLINE Converter Cable USB Type C to SATA (7+15pin)

**Quick solution for the use of HDD/SSDs in combination with Macbooks, Ultrabooks, Notebooks / Laptops or PCs with USB Type C interface. Supports a maximum data transmission rate of up to 6Gbit/s!**

- Full compliance with USB 3.1 Gen 1, USB 2.0, USB 1.1
- Connect your SATA connector directly to a SATA SSD/HDD, without any accessories
- Portable adaptercable, easy to use without any needed accessories
- Data transfer rate of up to 6Gbit/s
- Supports SATA I / II / III
- Connections: 1x USB Type C, 1x SATA III (7+15) connector
- Supported Operating Systems: Windows 7 / 8 / 10, Mac OS X
- Contents:Converter cable, adapter DB9 F-DB25 M, driver CD



| | Order-No. – P.U. |
|---|---|
| ROLINE Converter Cable USB Type C to SATA (7+15pin) | 12.02.1162 – 10 |

## VALUE Converter Cable USB Type C to Serial

**Quick solution for the use of peripheral devices with serial interfaces (e.g. modems, digital cameras, printers) with notebooks or computers with USB interface using a USB Type C connector**

- Full compliance with USB 2.0, USB 1.1
- Data transfer rate of over 1Mbit/s
- Supports RS232 serial interface
- Supports automatic handshake mode
- Supports remote wakeup and power management
- Power Mode: Bus-powered
- Connections: 1x USB Type C, 1x DB 9-pin connector, 1x DB 25-pin connector
- Supported Operating Systems: Windows 98, 2000, XP, Vista, Win 7 / 8 / 10, Mac OS X
- Contents: Converter cable, adapter DB9 F-DB25 M, driver CD






| | Order-No. – P.U. |
|---|---|
| VALUE Converter Cable USB Type C to Serial, black, 1.8 m | 12.99.1161 – 5 |

## ROLINE Converter Cable USB Type C to Serial

**Quick solution for the use of peripheral devices with serial interfaces (e.g. modems, printers) with notebooks or computers with USB interface using a USB Type C connector**

- Full compliance with USB 2.0, USB 1.1
- Data transfer rate of over 1Mbit/s
- Supports RS-232 serial interface
- Supports automatic handshake mode
- Supports remote wakeup and power management
- Power Mode: Bus-powered
- Connections: 1x USB Type C, 1x DB 9-pin connector
- Supported Operating Systems: Windows 98, 2000, XP, Vista, Win 7 / 8 / 10, Mac OS X
- Contents: Converter cable, adapter DB9 F-DB25 M, driver CD



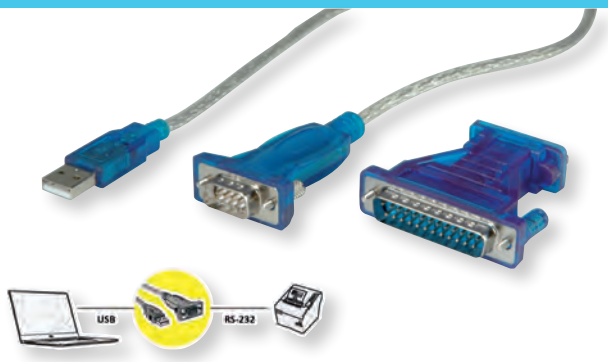




| | Order-No. – P.U. |
|---|---|
| ROLINE Converter Cable USB Type C to Serial, black, 1.8 m | 12.02.1161 – 10 |

## VALUE Converter Cable USB to Serial

- Quick solution for the use of peripheral devices with serial interfaces (e.g. modems, digital cameras, printers) with notebooks or computers with USB interface
- Data transfer rate of over 1Mbit/s
- Connections: 1x USB Type A, 1x DB 9-pin connector
- Equivalent to the USB 1.1 specification
- Length: 1.8 m
- Contents: Converter cable, adapter DB9 F-DB25 M, driver CD




| | Order-No. – P.U. |
|---|---|
| VALUE Converter Cable USB to Serial, turquoise, 1.8 m | 12.99.1160 – 10 |

## ROLINE Converter Cable USB to Serial

With this converter you can easily connect peripheral devices, such as analogue and ISDN modems, digital cameras and handheld computers, which have a serial interface to an USB environment

- Easy installation
- True plug & play
- Supports automatic handshake mode
- Supports remote wake up and power management
- Needs no interrupt (IRQ)
- Length: 1.8 m
- Supported operating systems: Windows 98SE/ME/2000/XP/7/8 /10
- Contents: Converter cable, driver CD, manual




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| | Order-No. – P.U. |
|---|---|
| ROLINE Converter Cable USB to Serial, 1.8 m | 12.02.1160 – 10 |

## ROLINE Converter Cable USB to RS-232+DB25

- Ideal for notebooks that nowadays only offer USB interfaces
- To connect one serial device (e. g. modem) and one parallel device (e. g. printer) to the USB port of a PC or notebook
- No external power supply needed
- Supported operating systems: Windows 2000/XP/Vista/7
- Contents:Converter, driver CD, manual

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| | Order-No. – P.U. |
|---|---|
| ROLINE Converter Cable USB to RS-232+DB25 | 12.02.1049 – 20 |

## ROLINE Opto Bridge USB-USB

**This small, industrial - grade isolator is very easy to use and provides a high-voltage barrier protection against surges, noise and ground loop errors. Suitable for use in sensitive applications like automotive measurements.**

- Effective protection of the USB interface through galvanic isolation (opto-coupler)
- Isolates a USB device galvanically from the USB host
- Insulation voltage max. 5000V eff.
- LED indicators
- Data transfer rate: max. 12MBit/s, USB 2.0 compatible
- Connections: USB A connector and USB A plug cable

- Optional: External power supply 19.11.1097 (500mA), e.g. for powering larger hard disks (3.5“ HDDs)



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| | Order-No. – P.U. |
|---|---|
| ROLINE Opto Bridge USB-USB | 12.02.1091 – 30 |

## ROLINE USB to 4x RS232 Converter

**Allows the connection of four serial devices (e. g. a modem or printer) via the USB port of a PC or notebook - the four differently colored RS232 connectors help to provide a clear differentiation.**

- Converts one PC USB Port into four serial ports
- Supports data transfer rates of up to 1Mbit/s
- No external power supply is needed
- Supported operating systems: Windows 2000/XP/Vista/7
- Contents: Converter, driver CD, manual




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| | Order-No. – P.U. |
|---|---|
| ROLINE USB to 4x RS232 Converter | 12.02.1016 – 5 |

## ROLINE USB 2.0 to RS232 Adapter, for DIN Rail

**Converter to connect serial devices to a USB port on your PC**
- Compatible with USB 2.0, USB 1.1, USB 1.0
- Data transfer rate of up to 115 Kbit/s
- 15 kV ESD protection for all RS232 ports
- Connectors: 1x DB9 Male, 1x Mini USB type B
- For DIN Rail mounting
- Windows 98SE/ME/2000/Server 2003/XP/Server 2008/XP/Vista/7
- Power supply over Mini USB type B connector (40mA)
- Contents: Converter, driver CD, manual

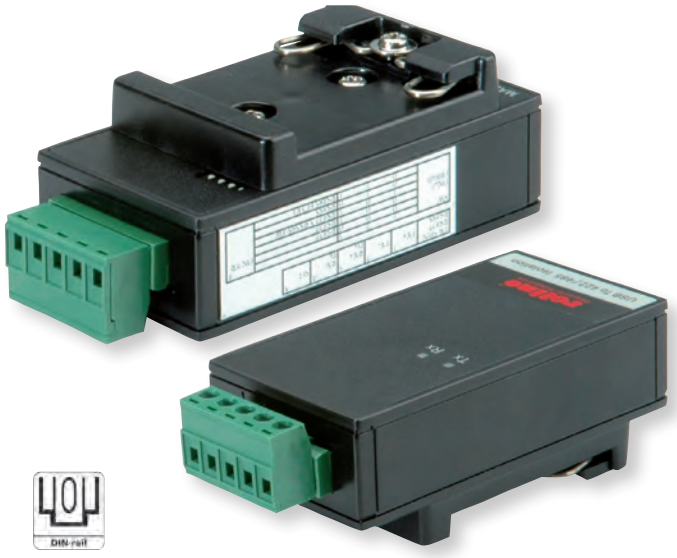



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| | Order-No. – P.U. |
|---|---|
| ROLINE USB 2.0 to RS232 Adapter, for DIN Rail, 1 Port | 12.02.1001 – 4 |
| ROLINE USB 2.0 to RS232 Adapter, for DIN Rail, 4 Ports | 12.02.1003 – 4 |
| ROLINE USB 2.0 to RS232 Adapter, with Isolation, for DIN Rail, 1 Port | 12.02.1007 – 2 |

## ROLINE USB 2.0 to RS422/485 Adapter, with Isolation, for DIN Rail

- Converter to connect serial devices to a USB port on your PC
- Mode: Asynchronous serial communication
- Compatible with USB 2.0, USB 1.1, USB 1.0
- Isolation 3000 VDC (optical)
- Connectors: 5-pin terminal block, 1x Mini USB type B
- Data transfer rate of up to 115 Kbit/s
- Terminal resistance and Echo mode
- DIP switches for terminal settings
- Signals: TX+, TX-, RX+, RX-, SGND
- Protection: 15 KV ESD protection for all signals, RS-422/485 signals surge protection
- Status LEDs
- For DIN rail mounting
- Power supply over Mini USB type B connector (54 mA)
- Windows 98SE/ME/2000/Server 2003/XP/Server 2008/XP/Vista/7
- Contents: Converter, USB cable, driver CD, manual



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| | Order-No. – P.U. |
|---|---|
| ROLINE USB 2.0 to RS422/485 Adapter, with Isolation, for DIN Rail | 12.02.1004 – 4 |

## Converter RS232-RS485, without or with Galvanic Isolation

- DCE/DTE adjustable
- Full duplex transfer over 4 lines
- Only the data lines are converted
- 25 pin socket on the RS232 side
- Power supply via mains adapter
- Robust plastic casing
- Contents: converter, power cupply unit (9V DC, 300mA), manual



**Technical data:**

| | |
|---|---|
| RS-232 connection: | D-Sub 25-pin F |
| RS-485 connection: | Terminal block (4 clamps) |
| Data transfer rate: | Up to ca. 100 Kbit/s |
| Transfer distance: | Up to ca. 1 km |
| Power supply: | DC 9V, 200mA |
| Weight: | 60 g |
| Dimensions (WxDxH): | 74.5 x 54 x 18.5 mm |

| | Order-No. – P.U. |
|---|---|
| Converter RS232-RS485, without Galvanic Isolation | 12.02.1028 – 20 |
| Converter RS232-RS485, with Galvanic Isolation | 12.02.1029 – 10 |

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## VALUE RS232 Optical Coupler

To connect serial devices to a RS232 port on your PC with a electrical isolation
- Data transfer rate of up to 56.25 kbit/s
- 2.5 kV ESD protection for RS232 ports
- With galvanic isolation
- Easy to connect, no configuration, no power supply
- Connectors: 1x DB9 Male, 1x DB9 Female
- Contents: Coupler, manual






| | Order-No. – P.U. |
|---|---|
| VALUE RS232 Optical Coupler | 12.99.1015 – 30 |

Value®

## ROLINE Converter RS232 to RS422/485, with Isolation, for DIN Rail

- Converts RS232 signals to RS-422 or RS-485
- Fully compliant with PC serial COM ports
- Isolation 3000 VDC (optical)
- Connectors: RS232: DB9 Female, RS-422/485: 7-pin terminal block
- Auto toggling by hardware
- Data transfer rate of up to 115.2 Kbit/s
- Terminal resistance and Echo mode
- DIP switches for terminal settings
- Signals: TXD, RXD, RTS, CTS, GND for RS232
- Protection: 15 KV ESD protection for all signals, RS-422/485 signals surge protection
- Status LEDs
- For DIN rail mounting
- DC power supply 10~30 V (built-in surge protector)
- Hardware solution, no software required

Environmental Limits:
Operating Temperature:-30° ~ 75°C
Storage Temperature:-40° ~ 85°C
Ambient Relative Humidity: 5 ~ 95%
Non-Condensing

- Contents: converter, manual



| | Order-No. – P.U. |
|---|---|
| ROLINE Converter RS232 to RS422/485, with Isolation, for DIN Rail | 12.02.1005 – 4 |
| ROLINE RS232 to RS-422/485 Converter, Din Rail, self powered | 12.02.1008 – 4 |

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# Peripheral Devices

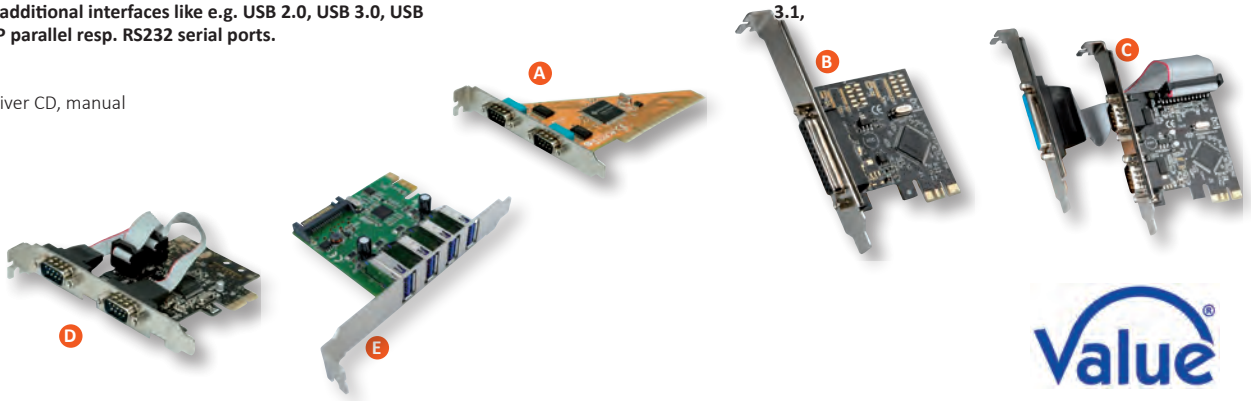
4


I/O Cards . . . . . 4.02
Card Readers . . . . . 4.02, 4.03
HDD Enclosures / Mobile Racks . . . . . 4.04
HDD Docking Station . . . . . 4.05
Mounting Material . . . . . 4.05
19” Industrial Server Chassis . . . . . 4.06, 4.07
Calculator Keypad . . . . . 4.07
Mouses . . . . . 4.08
Mouspads . . . . . 4.08

## VALUE I/O Cards

**Upgrade your PC with additional interfaces like e.g. USB 2.0, USB 3.0, USB 3.1, Serial ATA and EPP/ECP parallel resp. RS232 serial ports.**

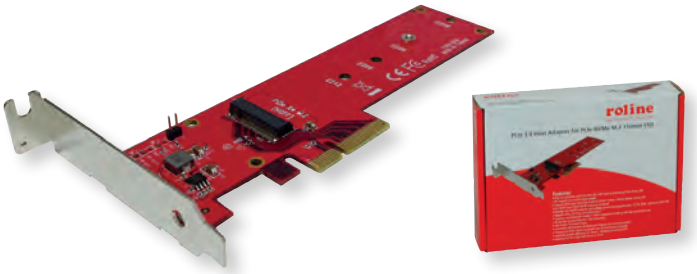
- PCI adapters
- PCI-Express adapters
- Contents: Adapter, driver CD, manual




| | Picture | Interfaces | Connectors | Card type | Order-No. | – P.U. |
|---|---|---|---|---|---|---|
| VALUE PCI Adapter, 2x Serial RS232, D-Sub 9 Port | A | COM 1-256 | 2x DB9 M external | PCI | 15.99.2086 | – 20 |
| VALUE PCI-Express Adapter, 1x Parallel ECP/EPP Port | B | LPT 1-3 | 1x DB25 F external | PCI-Express x1 | 15.99.2114 | – 10 |
| VALUE PCI-Express Adapter, 2x Serial RS232 D-Sub 9 + 1x Parallel EPP/ECP Ports | C | COM 1-256, LPT 1-3 | 2x DB9 M/1x DB25 F | PCI-Express x1 | 15.99.2116 | – 10 |
| VALUE PCI-Express Adapter, 2x Serial RS232 D-Sub 9 Ports | D | COM 1-256 | 2x DB9 M | PCI-Express x1 | 15.99.2118 | – 10 |
| VALUE PCI-Express Adapter, 4x USB 3.0, 5 Gbit/s | E | USB 3.0 | 4x USB 3.0 Type A F | PCI-Express x1 | 15.99.2115 | – 5 |

## ROLINE PCIe 3.0 x4 3.3V5A Host Adapter for PCIe-NVMe M.2 110mm SSD

- PCIe 3.0 x4 NVMe and PCIe-AHCI M.2 SSD work in main board PCIe x4 bus slot
- PCI Express 3.0 x4 Lane Host adapter
- Supports PCIe Gen3 and PCIe Gen2 M.2 NGFF 110mm, 80mm, 60mm, 42mm SSD
- M.2 NGFF type 22110-D5-M connector on board
- Movable M.2 NGFF stand-off and multiple plated-holes supports type 22110, 2280, 2260 and 2242 SSD
- Supports PCIe 3.0, PCIe 2.0 motherboard
- Supports dual-sided SSD module 1.5mm component height on the top and bottom side
- Compliant with PCI Express 3.0
- Pin header on board for drive LED connection
- Low Profile PCIe Form Factor
- Low Profile PCIe bracket on board and Regular size bracket included
- Transparent to the operating system and no board driver required
- Operating system: Windows 10, Win8.1, Windows Server 2012 R2
- Supports M.2 PCIe SSD High Power 3.3V5A
- Contents: Adapter, driver CD, manual




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| | Order-No. | – P.U. |
|---|---|---|
| ROLINE PCIe 3.0 x4 3.3V5A Host Adapter for PCIe-NVMe M.2 110mm SSD | 15.06.2193 | – 10 |

## ROLINE Mobile CardReader USB Type C + SD/MicroSD

**Transfer the data from your memory card of your DSLR, digital camera or other equipment to your tablet, Macbook or other USB Type C device with this practical USB stick shaped card reader!**

- Ideal for smartphones and tablets, but also suitable for connection to PCs or Macbooks, ultrabooks or notebooks/laptops due to the reversible and universally usable USB type C plug
- Reads the most important formats, such as SD and Micro SD cards
- In practical USB stick shape and therefore perfect for mobile use
- Power supply via USB Type C interface
- Compact aluminium housing
- Contents: Card Reader




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| | Order-No. | – P.U. |
|---|---|---|
| ROLINE Mobile CardReader USB Type C + SD/MicroSD | 15.08.6259 | – 20 |

## VALUE CardReader Typ C + 3x USB 3.2 Gen 1, SD/Micro SD Card Reader

- Suitable for Smartphone+Tablets, DSLR, photo equipment
- Transfer your precious vacation pictures/videos from the memory card of your digital camera on your tablet, Macbook ...
- Supports USB 2.0
- Card Reader works with multiple media, as e.g. SD (Secure Digital) Card, SDHC, Micro SD
- Contents: Card Reader





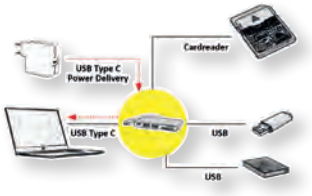


| | Order-No. | P.U. |
|---|---|---|
| VALUE CardReader Typ C + 3x USB 3.2 Gen 1, SD/Micro SD Card Reader | 15.99.6252 | 20 |

## ROLINE CardReader Type C + 2x USB 3.2 Gen 1, 1x PD (Power Delivery)

- Suitable for Smartphone+Tablets, DSLR, photo equipment
- Transfer your precious vacation pictures/videos from the memory card of your digital camera on your tablet, Macbook ...
- Supports USB 2.0
- Card Reader works with multiple media, as e.g. SD (Secure Digital) Card, SDHC, MS (Memory Stick), MS Duo, mini/micro SD
- No adapter required for Micro SD/M2 Cards
- Power Delivery Function (for charging of devices via the additional type-C connection; 20V3A)
- Contents: Card Reader






| | Order-No. | P.U. |
|---|---|---|
| ROLINE CardReader Type C + 2x USB 3.2 Gen 1, 1x PD (Power Delivery) | 15.08.6257 | 10 |

## ROLINE USB 3.2 Gen 1 Multi Card Reader, external

**The external Multi Card Reader reads all important and common formats and offers the highest possible compatibility.**

- Supports SuperSpeed USB 3.0, compliant with USB 2.0, USB 1.1
- Card Reader works with multiple media, as e.g. CF (Compact Flash) Card I/II, SD (Secure Digital) Card, SDHC, SDXC, MMC (MultiMedia Card), MS (Memory Stick), MS Pro, MS Duo, microSD and many variants
- Supports Extended Capacity SD memory cards (SDXC)
- No adapter required for Micro SD/M2 Cards
- Supported Operating Systems: Windows 2000/XP/Vista/7/8/10, Mac OS X
- Contents Card reader, USB 3.0 cable




| | Order-No. | P.U. |
|---|---|---|
| ROLINE USB 3.2 Gen 1 Multi Card Reader, external | 15.08.6248 | 10 |

## ROLINE CardReader Type C + SD/MicroSD/CF - CFast 2.0

**Transfer the data from the CFast 2.0 memory card of your high-end DSLR, digital camera or other devices via USB Type C to your Macbook or another USB Type C device!**

- Ideal for connection to PCs or Macbooks, ultrabooks or notebooks/laptops
- Reads the most important formats, such as SD and Micro SD, but also the CFast 2.0 memory cards used by professionals.
- Power supply via USB Type C interface
- Compact plastic housing, perfect for mobile use
- Contents: Card Reader



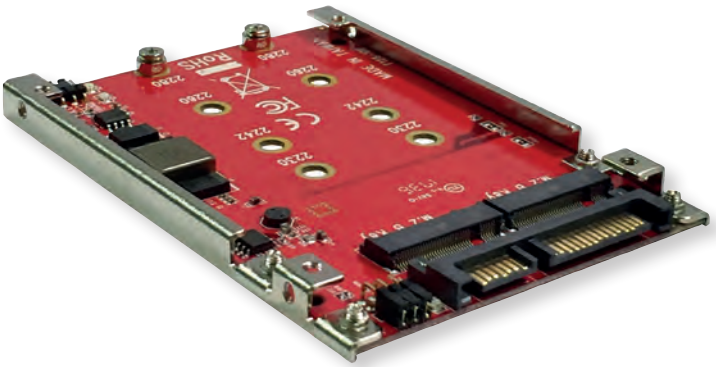


| | Order-No. | P.U. |
|---|---|---|
| ROLINE CardReader Type C + SD/MicroSD/CF - CFast 2.0 | 15.08.6258 | 5 |

## ROLINE M.2 to SATA III SSD H/W adapter, 2x M.2 NGFF SSD, bootable and RAID-capable

**2.5-inch H/W adapter for the installation of two M. 2 SSDs (NGFF), bootable and RAID-compatible and with 6Gbit/s SATA connection!**

- Supports two M. 2 NGFF SSDs with form factor 2230, 2242, 2260 and 2280
- M.2 NGFF SATA SSDs can be primary boot device and contain operating system and applications.
- RAID 0 and RAID 1 configurable via hardware or software; configuration on the hard-ware side via 6 pins with jumper (jumper table on the back of the board)
- The 2.5 inch H/W adapter can be installed in a 2.5“ housing and is therefore perfectly suited for mobile use.
- No drivers required
- Contents: HDD adapter



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| | Order-No. – P.U. |
|---|---|
| ROLINE M.2 to SATA III SSD H/W adapter, 2x M.2 NGFF SSD, bootable /RAID-capable | 16.01.4145 – 10 |

## VALUE External Type 2.5 SATA 6.0 Gbit/s HDD/SSD Enclosure with USB 3.2 Gen 2 Type C

**Transparent empty housing for 2.5“ SSDs/HDDs, for connection via USB 3.1 / USB 3.2 Gen 2 Type C**

- Portable Drive Enclosure with USB Type C connector
- Input Interface: SATA 6Gbit/s
- Output Interface: USB Type C
- Compatible: 2.5 SATA HDD/SSD
- Compliant with SuperSpeed USB 3.1 specification with data transfer rates of up to 10 Gbit/s
- Supports 2.5“ HDD/SSDs with SATA connection and height up to 9.5 mm
- Color: dark transparent
- Plug & play
- Housing: plastic
- Contents: HDD Enclosure, manual

Note: According to the current specifications of USB.org we have adapted the technical data of our USB 3 products.
The new designation for the already known USB specifications has been changed to USB 3.2 Gen 1 (formerly USB 3.0 / USB 3.1 Gen 1) and USB 3.2 Gen 2 (formerly USB 3.1 / USB 3.1 Gen 2).



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| | Order-No. – P.U. |
|---|---|
| VALUE External Type 2.5 SATA 6.0 Gbit/s HDD/SSD Enclosure with USB 3.1 Gen 2 Type C | 16.99.4213 – 10 |

## ROLINE External Type M.2 NVMe SSD Enclosure with USB 3.2 Gen 2 Type C

**Extra narrow empty housing made of matt aluminium for M.2 SSDs, for connection via USB 3.1 / USB 3.2 Gen 2 Type C**

- Make your PCI-e Based M-Key M.2 NVMe SSD portable for data store or data transfer via USB C Port on your computer
- Supports PCIe Gen3 M.2 80mm, 60mm, 42mm NVMe SSD
- M.2 NGFF type 2280-D5-M M Key socket on board
- Supports dual-sided SSD module 1.5mm maximum component height on the top and bottom side
- Compliant with NVM Express 1.3
- Compliant with USB 3.1 Gen.1 / 2 specification
- Compliant with USB Attached SCSI Protocol (UASP) Specification (Rev. 4)
- Supports USB2.0/USB 3.1 Gen1/ Gen2 power saving mode
- Data transmission: up to 10 Gbit/s
- PCBA and NVMe SSD powered by USB3.1 Type-C bus 5V
- **REMARK Note: aluminum case only with PCBA, WITHOUT NVMe M.2 SSD inside**
- Content: 1x enclosure, 1x USB C cable (M/M), screws






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| | Order-No. – P.U. |
|---|---|
| ROLINE External Type M.2 NVMe SSD Enclosure with USB 3.2 Gen 2 Type C | 16.01.4146 – 10 |

## ROLINE 2.5 + 3.5 SATA HDD Docking Station, USB3.0

- Easy way to connect a SATA 6.0 Gbit/s hard disk to a computer or notebook over a SuperSpeed USB 3.0 port
- Suitable for type 2.5/3.5 Serial ATA HDD/SSD (up to 4TB)
- Compliant with USB 3.0, USB 2.0, USB 1.1
- Compliant with SATA 6.0 Gbit/s, SATA 3.0 Gbit/s, SATA 1.5 Gbit/s
- Supports transfer rates of up to 5.0 Gbit/s
- Connection to computer: USB 3.0
- Connection to HDD: 15-pin SATA power + 7-pin SATA data
- Hot-swappable, plug & play
- Length USB cable: 1 m
- Power supply included
- Supported Operating Systems: Windows XP/ Vista / 7 / 8 / 10 / Server 2003 & 2008 (32-/64-bit)
- Contents: HDD Docking station, USB cable, power supply, manual

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| | Order-No. | P.U. |
|---|---|---|
| ROLINE 2.5 + 3.5 SATA HDD Docking Station, USB3.0 | 16.01.4121 | 5 |

## ROLINE 2.5 + 3.5 SATA HDD Docking Station, USB3.0, HD Copy-Function

- Easy way to connect a SATA 6.0 Gbit/s hard disk to a computer or notebook over a SuperSpeed USB 3.0 port
- 2 SATA- HD can be copied directly, without Software
- Suitable for type 2.5/3.5 Serial ATA HDD/SSD (up to 4TB capacity)
- Compliant with USB 3.0, USB 2.0, USB 1.1
- Compliant with SATA 6.0 Gbit/s, SATA 3.0 Gbit/s, SATA 1.5 Gbit/s
- Supports transfer rates of up to 5.0 Gbit/s
- Connection to computer: USB 3.0
- Connection to HDD: 15-pin SATA power + 7-pin SATA data
- Hot-swappable, plug & play
- Length USB cable: 1 m
- Power supply included
- Supported Operating Systems: Windows XP/ Vista / 7 / 8 / (32 / 64-bit) / 10 / Mac OS X
- Contents: HDD Docking station, USB cable, power supply, manual

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| | Order-No. | P.U. |
|---|---|---|
| ROLINE 2.5 + 3.5 SATA HDD Docking Station, USB3.0, HD Copy-Function | 16.01.4122 | 5 |

## HDD Mounting Adapter Type 3.5/2.5

**16.01.3031:**
This hard disk mounting adapter serves for installation of type 2.5 hard disks into a free type 3.5 slot
- For installation of type 2.5 hard disks in a type 3.5 slot
- Nickel plated
- Contents: 2 brackets, screws

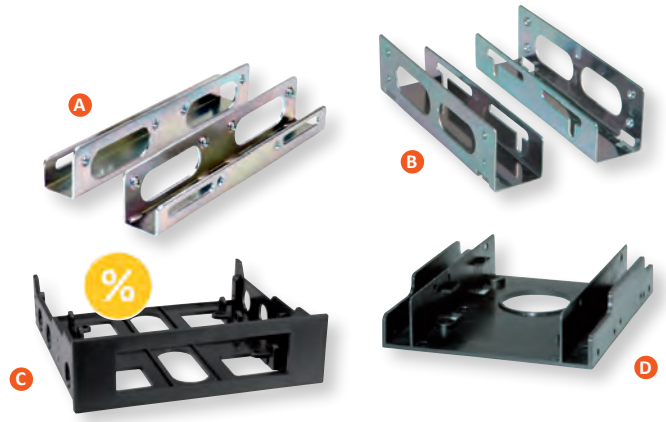
**16.01.3028:**
- This hard disk mounting adapter serves for installation of type 3.5 hard disks into a free type 5.25 slot
- Nickel plated
- Contents: 2 brackets, screws

**16.01.3006:**
- For installation of type 3.5 enclosures (e. g. floppy drives) in an (open) type 5.25 slot
- Solid ABS-plasic, black
- Screws included

**16.01.3007:**
- For the installation of up to two type 2.5 HDDs into any type 3.5 drive bay of a computer case
- Solid plastic, black
- Screws included

**16.01.3008/16.01.3009/16.01.3010:**
- For installation of 2.5 inch HDDs/SSDs in a 3.5 inch mounting bay
- Sturdy, black metal frame
- Mounting screws included in scope of delivery
- Contents: Frame, Mounting Screws

**REMARK: HDD/SSD are not included**

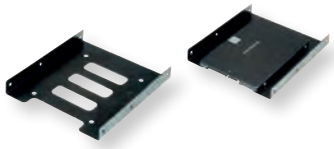



| | | Order-No. | P.U. |
|---|---|---|---|
| HDD Mounting Adapter Type 3.5/2.5 | A | 16.01.3031 | 25 |
| HDD Mounting Adapter, Type 3.5/5.25 | B | 16.01.3028 | 50 |
| Floppy Mounting Adapter Frame, Type 3.5/5.25, black | C | 16.01.3006 | 40 |
| HDD Mounting Adapter Type 3.5 for 2x Type 2.5 HDDs, black | D | 16.01.3007 | 20 |

**16.01.3008**



**16.01.3009**



**16.01.3010**



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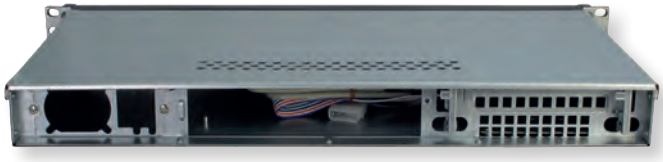
| | Order-No. | P.U. |
|---|---|---|
| HDD/SSD Mounting Adapter, 3.5 inch frame for 2x 2.5 inch HDD/SSD, metal | 16.01.3008 | 25 |
| HDD/SSD Mounting Adapter, 3.5 inch frame for 1x 2.5 inch HDD/SSD, metal | 16.01.3009 | 25 |
| HDD/SSD Mounting Adapter, 5.25 inch frame for 1x 2.5/3.5 inch HDD/SSD, metal | 16.01.3010 | 25 |

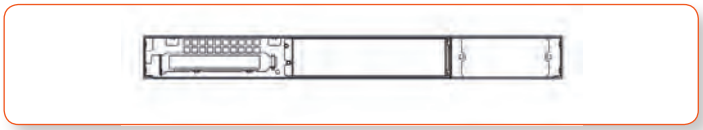
## VALUE 19“ Industrial Rack-Mount Server Chassis, 1UH

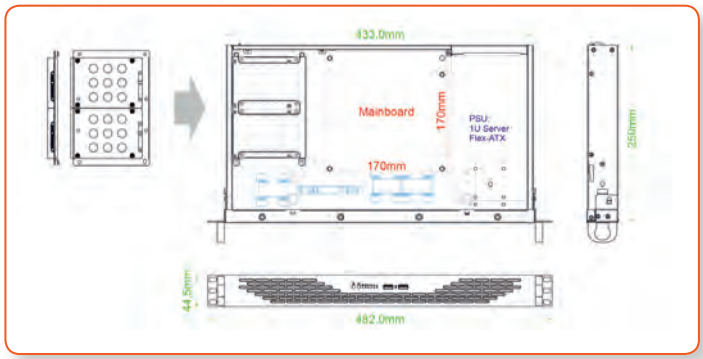
DATA CENTER Product

- Versatile 1U 19“ industrial PC housing
- Rugged construction and design for harsh industrial environment
- Supports ITX motherboard
- Max Mainboard Size:. 170 x 170 mm
- 4 x 4 cm ball bearing fan on the front for a better ventilation
- Space for optional 1x 3.5 or 2x 2.5 HDD
- Space for installation of an FLEX-ATX power supply (not included in delivery)
- Buttons: Controls Power-Button / Reset-Button
- LED: Power / HDD Activity / Network Activity / Overheating Alert / Power Failure
- Front connectors: 1x USB2.0, 1x USB3.0
- Color: Black
- Contents:Casing, screws










| | Order-No. | – P.U. |
|---|---|---|
| VALUE 19“ Industrial Rack-Mount Server Chassis, 1UH, black | 19.99.0115 | – 1 |

## VALUE 19“ Industrial Rack-Mount Server Chassis, 4UH

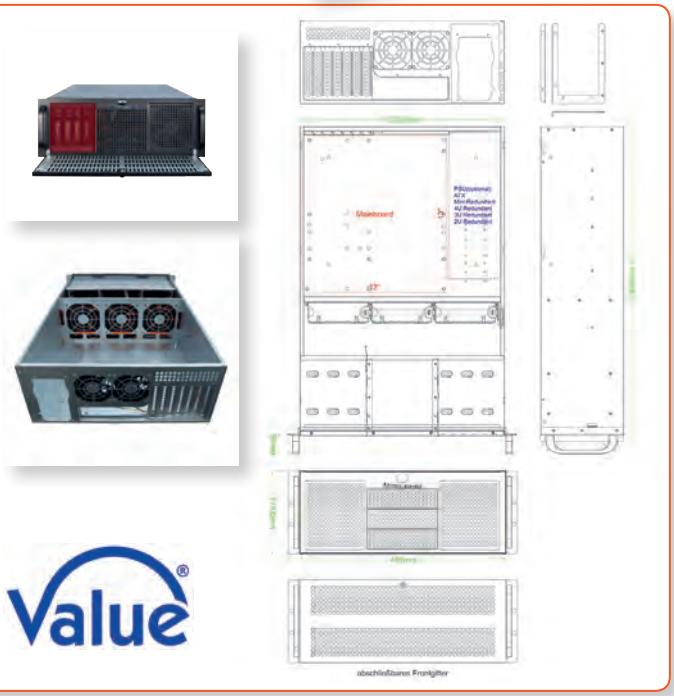
DATA CENTER Product

- Versatile 4U 19“ industrial PC housing
- Rugged construction and design for harsh industrial environment
- 4UH rack with a long installation depth (650mm)
- Supports ATX / (eATX) / Baby AT motherboard
- Max Mainboard Size:. 305 x 345 mm (12“ x 13.5“)
- Provides enough space for HDD disks (up to 11x 3.5“ HDDs)
- Mounting rails for screw less installation of internal 3.5“ and external 5.25“ drives (included)
- Seven fans are preinstalled, which allows an optimal cooling of the installed hardware (5x 120x120mm; 2x 80x80mm)
- Embedded dust filter, which can be removed for cleaning, is located behind the lockable front door and prevents both removable HDD cages from dust
- 2x front USB ports (1x USB 2.0 and 1x USB 3.0)
- Space for installation of an ATX power supply (not included in delivery)
- Contents: Casing, keys, screw set, mounting frame for mini redundant power supply, wrench for assembly of the spacer, mounting rails for 5.25“ and 3.5“ drives









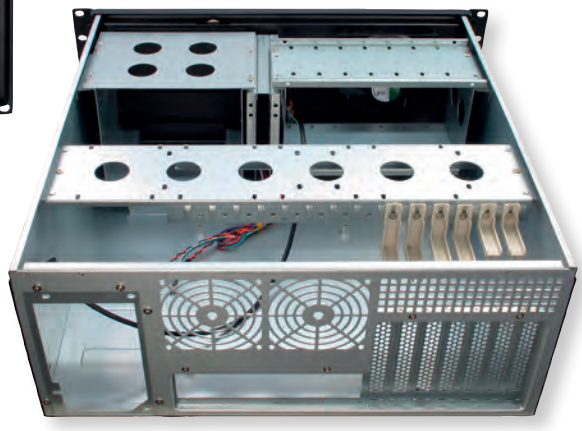
| | Order-No. | – P.U. |
|---|---|---|
| VALUE 19“ Industrial Rack-Mount Server Chassis, 4UH, black | 19.99.0116 | – 1 |
| VALUE Telescopic rails for VALUE Industrial Rack-Mount Server Chassis, 19990116 | 19.99.0117 | – 1 |

## VALUE 19“ Industrial Rack-Mount Server Chassis

- Versatile 4U 19“ industrial PC housing
- Rugged construction and design for harsh industrial environment
- Supports ATX/Baby AT motherboard
- Hold-Down clamp design to protect plug-in cards from vibration
- Shock resistant drive bracket exposed
- A lockable front door for dust-proof integrity and running security
- 12x12 cm ball bearing fan with replaceable air filter on the front for a better ventilation, rear space for the installation of two fans à 80x80 mm
- Space for installation of an ATX power supply (not included in delivery)
- Max Mainboard Size:. 305x270 mm (12“ x 10,6“)
- Color: Black
- Optional accessories: Telescope rail 19.99.0114
- Contents: Casing, screws







**Technical Data:**

| | |
|---|---|
| Type 5.25 slots: | 3 |
| Type 3.5 slots: | 8x int. (HDD), |
| Dimensions (WxLxH): | 178 x 480 x 485/530*mm |
| Weight: | 10 kg |
| Connectors front: | 2x USB 2.0 |
| Fan front: | 120 mm |

*) with holder

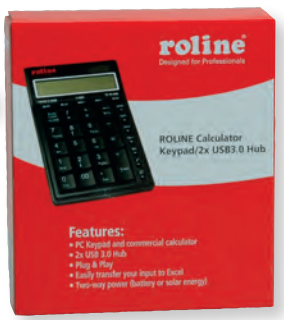
| | Order-No. | – P.U. |
|---|---|---|
| VALUE 19“ Industrial Rack-Mount Server Chassis STD, black | 19.99.0104 | – 1 |
| VALUE Telescopic rails for VALUE Ind. Rack-Mount Server Chassis, 510-820 mm | 19.99.0114 | – 1 |

## ROLINE Calculator Keypad, 2x USB 3.0 Hub

**Unique combination of commercial calculator, keypad and USB 3.0 Hub with 2 ports.**

- Fast switching between commercial calculator and keypad mode
- In keypad mode, you expand your notebook keyboard to the usual numeric keypad - the entering of numbers it‘s safer, more comfortable and faster
- In calculator mode, you can use the basic arithmetical operations plus square root function and the function of a tax calculation. (the device keep the result via buffer). The result of a calculation can be sent to the PC (eg, for further use in an Excel sheet).
- PC Keypad and commercial calculator
- 2x USB 3.0 Hub
- Plug & Play
- Easily transfer your typo to Excel
- Powered by battery, solar cells or the USB interface
- USB cable length: about 1.40 m
- Contents: Calculator / numeric keypad, USB cable, user manual






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| | Order-No. | – P.U. |
|---|---|---|
| ROLINE Calculator Keypad, 2x USB 3.0 Hub | 18.02.2900 | – 10 |

## ROLINE Wireless Charging Mouse Pad for Smartphones and Mice, 10W

**Wireless Charging Mouse Pad for wireless charging of smartphones and mice - the integrated coil in the mouse pad with up to 10W, the device can be charged very quickly and efficiently.**

- Charges a compatible smartphone or other matching Qi devices, such as mice that support wireless charging
- One charging coil for up to 10W of power
- Plug & Play, no additional software installation necessary
- Perfect for the office, home office or mobile workplace
- Integrated LED display
- Black mouse pad with leather-like surface
- Contents: Wireless Charging Mouse Pad, USB Charging Cable, User Manual
- **REMARK: Smartphone is not included**

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| | Order-No. | – P.U. |
|---|---|---|
| ROLINE Wireless Charging Mouse Pad for Smartphones and Mice, 10W, black | 19.11.1014 | – 10 |

## ROLINE Mouse, optical, USB

- Super high sensitive 1600/1200/800 cpi (switchable)
- USB connector
- Surface: Red rubber coating
- Suitable for right and left-handed users
- Supported Operating Systems: Windows 2000/XP/Vista/7/10
- Contents: Mouse




A




B

| | | Order-No. | P.U. |
|---|---|---|---|
| ROLINE Mouse, optical, USB, red/black | A | 18.01.1082 | 10 |
| ROLINE Mouse, optical, cordless, USB, red/black | B | 18.01.1083 | 10 |

## VALUE Mouse, optical, USB

- 3 button mouse
- With integrated scroll wheel
- USB connector
- Optical resolution: 1000 dpi
- Color: Blue/black
- Supports Windows 98SE/ME/2000/XP/ Vista/7/10






| | Order-No. | P.U. |
|---|---|---|
| VALUE Mouse, optical, USB, blue/black | 18.99.1076 | 40 |

## ROLINE Soft Gaming Pad, Leather Imitation

**Perfectly sized mousepad for mobile applications, e.g. when you just work with your Notebook or at a workstation - the leather-like surface gives the mousepad a great look and makes it very durable!**

- Designed for professional gamers and office environments
- Provides excellent gliding of the mouse
- Natural rubber base for maximum grip on any surface
- Excellent performance for laser and optical mice
- Material: Surface: high performance textile surface / Base: nature rubber
- Colour: Black
- Dimensions: 220 x 180 x 3mm





| | Order-No. | P.U. |
|---|---|---|
| ROLINE Soft Gaming Pad, Leather Imitation, black | 18.01.2046 | 20 |

## ROLINE Notebook Combo Mousepad (280x160x0.5mm)

**Perfect fit between most Macbooks, Ultrabooks, Notebooks/Laptops - suitable for cleaning your display/device, as a mousepad and to protect the Notebook keyboard from dirt and dust!**

- Designed for professional gamers and office environments
- Provides excellent gliding of the mouse
- Natural rubber base for maximum grip on any surface
- Excellent performance for laser and optical mice
- Material: Surface: high performance textile surface / Base: nature rubber
- Colour: Black





| | Order-No. | P.U. |
|---|---|---|
| ROLINE Notebook Combo Mousepad (280x160x0.5mm), black | 18.01.2047 | 20 |

## ROLINE Desk Pad, Keyboard and Mouse Pad

**The perfect desk pad - big enough for keyboard and mouse, it has a rubberized underside and a silky smooth surface for precise, low-friction movement.**

- Excellent sliding ability for the mouse, enough space for the keyboard
- Particularly fine weave of the surface textile for high speed and high accuracy
- Rubberized underside for maximum grip on any surface
- Good wrist support- low height difference between mat and desk
- Highest performance for laser and optical mice
- Red decorative seam as edge protection
- Material: Top side: Special high-performance textile / Underside: Rubberized
- Dimensions: 780 x 300 x 5 mm
- Color: Black / Red





| | Order-No. | P.U. |
|---|---|---|
| ROLINE Desk Pad, Keyboard and Mouse Pad | 18.01.2048 | 25 |



# Mobile Computing

5


Gigabit Ethernet Converter + Hub . . . . . 5.02
Sync- & Charging Cables / Adapters . . . . . 5.03 – 5.05
USB Hubs . . . . . 5.06
Docking Stations . . . . . 5.07 – 5.13
3.5mm Audio Adapters . . . . . 5.14, 5.15
USB Charger . . . . . 5.16 – 5.17, 5.18
Stand / Holder for Tablet . . . . . 5.16
Wireless Charging . . . . . 5.18 – 5.19
Charging Station . . . . . 5.19, 5.20
Security Locks . . . . . 5.20

## VALUE / ROLINE USB to Fast / Gigabit Ethernet Converter

**These converters are a cost effective solution to convert a USB port into a Fast- or Gigabit Ethernet port**

- Easy installation- just plug the converter into the USB port, connect the LAN cable- done!
- Bus Powered- no external power supply required
- Supports 10/100/1000 Mbit/s auto-sensing capability in Gigabit Ethernet
- Supports both full-duplex and half-duplex operation in Gigabit Ethernet

As Ethernet continues to be the most used network interface as the standard evolves to meet the massive data bandwidth requirements of different markets.
Due to the upward trend in data traffic, new Ethernet rates have been developed to alleviate the traffic bottlenecks created by the data explosion, therefore the 2.5 Gigabit Ethernet standard was designed to bridge the copper-twisted-pair gap between Gigabit Ethernet and 10 Gigabit Ethernet.

**12.99.1105**



**12.02.1106**



**12.99.1107**



**12.99.1116**



**12.02.1107**



**12.02.1109**



**12.99.1115**



**2.5 Gbit/s - 12.02.1103**



| Brand | Description | USB Compliant | Network Connection | USB Type | Color | Supported OS | Hub Function | Item Number | PU |
|---|---|---|---|---|---|---|---|---|---|
| VALUE | USB to Fast Ethernet Converter | USB 2.0 | Fast Ethernet | A | black | Win XP / 7 / 8 / 10, Mac OS X | | 12.99.1107 | – 10 |
| VALUE | USB to Gigabit Ethernet Converter | USB 3.2 Gen 1 | Gigabit Ethernet | A | black | Win XP / 7 / 8 / 10, Mac OS X | | 12.99.1105 | – 10 |
| VALUE | USB to Gigabit Ethernet Converter | USB 3.2 Gen 2 | Gigabit Ethernet | C | black | Win XP / 7 / 8 / 10, Mac OS X | | 12.99.1115 | – 10 |
| VALUE | USB to Gigabit Ethernet Converter + 3x Hub | USB 3.2 Gen 1 | Gigabit Ethernet | A | black | Win XP / 7 / 8 / 10, Mac OS X | 3x USB A | 12.99.1116 | – 10 |
| ROLINE | USB to Gigabit Ethernet Converter | USB 3.2 Gen 1 | Gigabit Ethernet | A | black | Win XP / 7 / 8 / 10, Mac OS X | | 12.02.1106 | – 10 |
| ROLINE | USB to Gigabit Ethernet Converter + 3x Hub | USB 3.2 Gen 1 | Gigabit Ethernet | A | black | Win XP / 7 / 8 / 10, Mac OS X | 3x USB A | 12.02.1107 | – 5 |
| ROLINE | USB to Gigabit Ethernet Converter + 3x Hub | USB 3.2 Gen 1 | Gigabit Ethernet | C | black | Win XP / 7 / 8 / 10, Mac OS X | 3x USB A | 12.02.1108 | – 10 |
| ROLINE | USB to Gigabit Ethernet Converter | USB 3.2 Gen 2 | Gigabit Ethernet | C | white | Win XP / 7 / 8 / 10, Mac OS X | | 12.02.1109 | – 10 |
| | | | | | | | | | |
| ROLINE | USB to 2.5 Gigabit Ethernet Adapter | USB 3.2 Gen 2 | 2.5 Gigabit Ethernet | C | black | Win XP / 7 / 8 / 10, Mac OS X | | 12.02.1103 | – 5 |

## VALUE / ROLINE USB Adapters

**Use these adapters/cableadapters to easily connect your smartphone or tablet with USB Micro B with a charger or other suitable devices, like MacBooks, Ultrabooks, Notebooks/Laptops or PCs**

• Colour: black /white

**Note:** According to the current specifications of USB.org we have adapted the technical data of our USB 3 products. The new designation for the already known USB specifications has been changed to USB 3.2 Gen 1 (formerly USB 3.0 / USB 3.1 Gen 1) and USB 3.2 Gen 2 (formerly USB 3.1 / USB 3.1 Gen 2).

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**12.99.3192** **12.03.2995** **12.99.3191** **12.99.2997** **12.99.9030**



**12.99.2996 / 12.03.2996** **12.99.2998** **12.03.2997** **12.99.3190** **11.99.9030**



**11.02.9030** **11.02.9031** **11.02.9015** **11.02.9005** **12.99.2995**

| Brand | Order-No. – P.U. | Adapter / Cableaadapter | Compliant | Type | Connector | Functionality | Length | Color |
|---|---|---|---|---|---|---|---|---|
| VALUE | 12.99.3192 – 25 | Adapter | USB 2.0 | Micro B - C | M/F | | – | black |
| ROLINE | 12.03.2995 – 10 | Adapter | USB 3.2 Gen 1 | A - C | M/F | | – | black |
| VALUE | 12.99.3191 – 25 | Adapter | USB 2.0 | C - Micro B | M/F | | – | black |
| VALUE | 12.99.2997 – 20 | Gender Changer | USB 3.2 Gen 1 | A - A | F/F | | – | black |
| VALUE | 12.99.9030 – 25 | Adapter | USB 3.2 Gen 1 | C - A | M/F | OTG | – | black |
| VALUE | 12.99.2996 – 25 | Adapter | USB 3.2 Gen 2 | C - C | M/F, 90° | | – | black |
| ROLINE | 12.03.2996 – 10 | Adapter | USB 3.2 Gen 2 | C - C | M/F, 90° | | – | white |
| VALUE | 12.99.2998 – 10 | Adapter | USB 3.2 Gen 1 | A - C | M/F | | – | black |
| ROLINE | 12.03.2997 – 10 | Adapter | USB 3.2 Gen 1 | A - C | F/M | | – | black |
| VALUE | 12.99.3190 – 10 | Adapter | USB 2.0 | C - Micro B | M/F | OTG | – | black |
| VALUE | 11.99.9030 – 25 | Cableadapter | USB 3.2 Gen 1 | C - A | M/F | OTG | 0.15 m | black |
| ROLINE | 11.02.9030 – 10 | Cable | USB 3.2 Gen 1 | C - A | M/F | OTG | 0.15 m | black |
| ROLINE | 11.02.9031 – 10 | Cableadapter | USB | C - A | M/F | OTG | 0.15 m | black |
| ROLINE | 11.02.9015 – 10 | Cable | USB 3.2 Gen 2 | C - C | M/F | | 0.15 m | black |
| ROLINE | 11.02.9005 – 20 | Cable | USB 3.2 Gen 1 | C - Micro B | M/M | | 0.5 m | black |
| ROLINE | 11.02.9006 – 10 | Cable | USB 3.2 Gen 1 | C - Micro B | M/M | | 1 m | black |
| VALUE | 12.99.2995 – 25 | Adapter | USB 2.0 | A - C | M/F | | – | black |

## VALUE Lightning to USB Cable for iPhone, iPod, iPad

- Using 8 pins instead of 30, Lightning is significantly more compact than the 30-pin dock connector and can be inserted with either side facing up
- For the connection of devices like the iPhone on from the iPhone 5 that introduced the Lightning connector, as well as for iPods and iPads on from that generation
- This product is only made for devices with Lightning connector! It is NOT compatible with cables and peripherals designed for its predecessor, unless used with an adapter.
- High quality USB cable with one Type A (male) and one Lightning connector
- Improved shielding
- Meets standard USB 2.0 (transfer rate up to 480 Mbit/s)
- Colour: black







| | Order-No. – P.U. |
|---|---|
| VALUE Lightning to USB Cable for iPhone, iPod, iPad, 0.15 m | 11.99.8326 – 20 |
| VALUE Lightning to USB Cable for iPhone, iPod, iPad, 1.0 m | 11.99.8321 – 20 |
| VALUE Lightning to USB Cable for iPhone, iPod, iPad, 1.8 m | 11.99.8322 – 20 |

## ROLINE Lightning to USB Cable for iPhone, iPod, iPad

- Using 8 pins instead of 30, Lightning is significantly more compact than the 30-pin dock connector and can be inserted with either side facing up
- For the connection of devices like the iPhone on from the iPhone 5 that introduced the Lightning connector, as well as for iPods and iPads on from that generation
- This product is only made for devices with Lightning connector! It is NOT compatible with cables and peripherals designed for its predecessor, unless used with an adapter.
- High quality USB cable with one Type A (male) and one Lightning connector
- Improved shielding
- Meets standard USB 2.0 (transfer rate up to 480 Mbit/s)
- Colour: white







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| | Order-No. – P.U. |
|---|---|
| ROLINE Lightning to USB Cable for iPhone, iPod, iPad, white, 0.15 m | 11.02.8326 – 20 |
| ROLINE Lightning to USB Cable for iPhone, iPod, iPad, white, 1.0 m | 11.02.8321 – 20 |
| ROLINE Lightning to USB Cable for iPhone, iPod, iPad, white, 1.8 m | 11.02.8322 – 20 |

## VALUE/ROLINE 8pin + MicroB to USB Charge & Sync Cable

- For the connection of devices like the iPhone on from the iPhone 5 that introduced the Lightning connector, as well as for iPods and iPads on from that generation
- This product is only made for devices with Lightning connector! It is NOT compatible with cables and peripherals designed for its predecessor, unless used with an adapter.
- Lighting and micro USB combo allows the cable to perform 2-in-1 functionality
- Connects to your iPhone, iPad, or iPod with Lightning Connector or Android smartphone and charges/syncs by connecting the USB connector into your wall charger or computer













| | Order-No. – P.U. |
|---|---|
| VALUE 8pin + MicroB to USB Charge & Sync Cable, black, 1.0 m | 11.99.8325 – 10 |
| ROLINE 8pin + MicroB to USB Charge & Sync Cable, white, 1.0 m | 11.02.8325 – 10 |

## ROLINE 8pin + MicroB + Type C to USB Charge & Sync Cable

**Connect almost all popular smartphones or tablets via Apple Lightning, USB Type C or USB Micro B plug to e.g. your PC or charger - suitable for loading and for data transfers!**

- USB 2.0 cable with one USB Type A connector and one Apple Lightning (8pin), USB Micro B and USB Type C connector each
- For the connection of devices with Apple Lightning or Micro USB / USB Type C socket- so almost all common smartphones or tablets can be connected!
- With the revolutionary USB Type C connector you are prepared for future generations of devices.
- The Lightning plug (8pin) is suitable for all iPhones and iPads from the fifth generation onwards, e.g. for iPhone 8 or iPhone X
- Complies with USB 2.0 standard (transmission up to 480 Mbit/s)
- Allows loading of mobile devices and data exchange
- Colour: white







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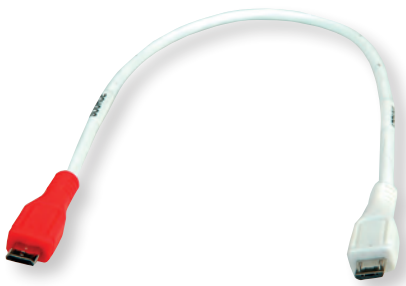
| | Order-No. – P.U. |
|---|---|
| ROLINE 8pin + MicroB + Type C to USB Charge & Sync Cable, white, 1.0 m | 11.02.8329 – 10 |

## VALUE USB 2.0 Charging Cables

**Charging cable for USB devices with USB Micro B connector**

- To connect an USB device with USB Micro B to another device with USB Micro B connector for charging
- Only charging, no data transfer
- Not suitable for NOKIA or BLACKBERRY
- **Color: white (11.99.8307) / black (11.02.8307)**
- Length: 0,3m



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| | Order-No. – P.U. |
|---|---|
| VALUE USB 2.0 Charging Cable, Micro B - Micro B, M/M, 0.3m | 11.99.8307 – 25 |
| ROLINE USB 2.0 Charging Cable, Micro B - Micro B, M/M, 0.3m | 11.02.8307 – 10 |

## VALUE/ROLINE USB 2.0 Cables, OTG

- High quality USB cable with one Type A (female) and one Micro B USB connector
- For the connection of devices with Micro USB connector; e.g. digital cameras, mobile phones, MP3 players or PDAs
- Not suitable for Samsung Galaxy S3 mini (GT-I8190)
- Meets standard USB 2.0 (transfer rate up to 480 Mbit/s)
- Colour: black

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| | Order-No. – P.U. |
|---|---|
| VALUE USB 2.0 Cable, A - Micro B, F/M, OTG, 0.15 m | 11.99.8311 – 100 |
| ROLINE USB 2.0 Cable, A - Micro B, F/M, OTG, 0.15 m | 11.02.8311 – 25 |

## ROLINE USB 2.0 Spiral Cable, A - Micro B

**High quality USB cable with one Type A and one Micro USB connector**
- Improved shielding
- For the connection of devices with Micro USB connector; e.g. smartphones / mobile phones or digital cameras / DSLR
- Meets standard USB 2.0 (transfer rate up to 480 Mbit/s)
- Colour: black



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| | Order-No. – P.U. |
|---|---|
| ROLINE USB 2.0 Spiral Cable, A - Micro B, M/M, 1.0 m | 11.02.8317 – 10 |

## ROLINE USB 2.0 LED Charging Cable

- For Power Charging, Data Sync and Data Transfer
- LED lighting effect lets you know your device is charging (RED color while charging, continuous BLUE color when the charging process is finished)
- Supports data transfer- you can move music, pictures, videos and any other files to and from your device
- Cable design prevents kinks, knots or tangles in the cable
- Color: black



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| | Order-No. – P.U. |
|---|---|
| ROLINE USB 2.0 LED Charging Cable, A - Micro B, M/M, 1.0 m | 11.02.8318 – 10 |

## ROLINE USB 2.0 Cables, C (90° angled) - A reversible

**To connect smartphones, Tablets, external hard drives (HDD/SSD) and other USB devices to your PC, laptop or charger with the new USB Type C connection - both connectors are angled!**
- USB 2.0 connection cable with Type A to Type C male/male connector (L-Shape, 90° angled)
- Suitable for data transfer rates of up to 480 Mbit/s
- Connectors: 1x USB Type A connector, 1x USB type C (L-Shape, 90° angled) connector
- Color: black




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| | Order-No. – P.U. |
|---|---|
| ROLINE USB 2.0 Cable, C (90° angled) - A reversible, M/M, black, 0.8 m | 11.02.9035 – 10 |
| ROLINE USB 2.0 Cable, C (90° angled) - A reversible, M/M, black, 1.8 m | 11.02.9036 – 10 |
| ROLINE USB 2.0 Cable, C (90° angled) - A reversible, M/M, black, 3.0 m | 11.02.9037 – 10 |

## ROLINE USB 3.2 Gen 1 Cable, A-C, M/M

**ROLINE USB 3.0 / USB 3.2 Gen 1 silicone cable with data transfer rates of up to 5 Gbit/s. The silicone-sheathed flat cable not only looks great, but also allows extremely flexible usage thanks to its small bending radius.**
- USB 3.0 / USB 3.2 Gen 1 cable in high quality
- With USB Type C and a classic USB Type A plug
- Suitable for data transfer rates of up to 5 Gbit/s
- Rugged aluminum plugs and a flexible, flat silicone cable for optimal durability
- Type: A - C
- Length: 11 cm
- Colour: black

Note: According to the current specifications of USB.org we have adapted the technical data of our USB 3 products. The new designation for the already known USB specifications has been changed to USB 3.2 Gen 1 (formerly USB 3.0 / USB 3.1 Gen 1) and USB 3.2 Gen 2 (formerly USB 3.1 / USB 3.1 Gen 2).




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| | Order-No. – P.U. |
|---|---|
| ROLINE USB 3.2 Gen 1 Cable, A-C, M/M, black, 11 cm | 11.02.9014 – 10 |

## ROLINE USB 3.2 Gen 2 Cable, PD (Power Delivery) 20V3A, with Emark, C-C, M/M

NEW

**ROLINE USB 3.1 / USB 3.2 Gen 2 silicone cable with data transfer rates of up to 10 Gbit/s and support of PD (Power Delivery) at up to 20V3A. The silicone-sheathed flat cable not only looks great, but also allows extremely flexible use thanks to its small bending radius.**
- High quality USB 3.1 / USB 3.2 Gen 2 cable with improved shielding
- With the new reversible Type C connectors at both ends
- Gold-plated contacts for low wear at high plugging cycles
- Suitable for data transfer rates of up to 10 Gbit/s
- Supports USB Power Delivery to 20V / 3A

Note: According to the current specifications of USB.org we have adapted the technical data of our USB 3 products. The new designation for the already known USB specifications has been changed to USB 3.2 Gen 1 (formerly USB 3.0 / USB 3.1 Gen 1) and USB 3.2 Gen 2 (formerly USB 3.1 / USB 3.1 Gen 2).

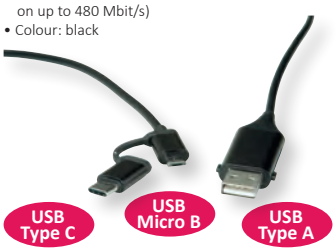
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| | Order-No. – P.U. |
|---|---|
| ROLINE USB 3.2 Gen 2 Cable, PD (Power Delivery) 20V3A, with Emark, C-C, M/M, black, 11 cm | 11.02.9054 – 10 |

## ROLINE USB Cable Type C + Micro B to USB A, OTG

**Multipurpose USB 2.0 cable**
- USB Type C and micro B combo allows the cable to perform 2-in-1 functionality
- Connect the cable to your Smartphone or tablet and charge your device by connecting the USB connector into your wall charger or transfer data by connecting it with your computer
- One end of the cable is equipped with a Micro USB B plug, alternatively through an attachment with a type C plug
- The second side of the cable has a type A plug, which can be converted into a type A socket by a side slider- and vice versa
- Supports OTG
- Complies with the standard USB 2.0 (transmission up to 480 Mbit/s)
- Colour: black

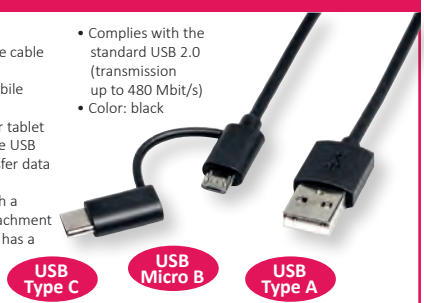



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| | Order-No. – P.U. |
|---|---|
| ROLINE USB Type C (M) + Micro B (M) to USB A (M or F), OTG, black, 1.0 m | 11.02.8327 – 10 |

## ROLINE USB Cable Micro B + Type C to USB A

**USB 2.0 cable with 2-in1 connector**
- USB Type C and Micro B combo allows the cable to perform 2-in-1 functionality
- Allows you to transfer data from your mobile device
- Connect the cable to your Smartphone or tablet and charge your device by connecting the USB connector into your wall charger or transfer data by connecting it with your computer
- The one end of the cable is equipped with a Micro USB B plug, alternatively by an attachment with a type C connector, the second side has a type A connector
- Complies with the standard USB 2.0 (transmission up to 480 Mbit/s)
- Color: black




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| | Order-No. – P.U. |
|---|---|
| ROLINE Cable USB Micro B + Type C M/M to USB2.0 A M, black, 1.0 m | 11.02.8328 – 10 |

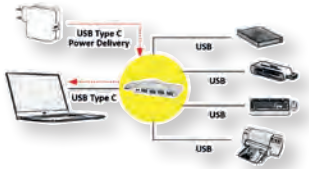
## ROLINE USB 3.2 Gen 1 Hub, 4 Ports, Type C Connection Cable, with Power Supply (PD)

**With this hub up to four USB 3.0 / USB 3.2 Gen 1 peripheral devices can be connected to the USB Type C port of a PC.**

- Fixed USB cable with type C connector for host connection
- Four USB Type A ports for connecting peripheral devices
- One Port USB Type C PD (Power Delivery) to charge your MacBook, Ultrabook or mobile devices
-

- Data transfer rates of up to 5 Gbps (USB 3.0 / USB 3.2 Gen 1)
- Automatic determination of the optimal transmission rate
- Silver aluminium housing

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| Technical information | 14.02.5045 |
|---|---|
| PC connection | 1x USB Type C |
| Device connection | 4x USB Type A |
| Dimensions (HxWxD) | 11 x 94 x 181 mm |

| | Order-No. | P.U. |
|---|---|---|
| ROLINE USB 3.2 Gen 1 Hub, 4 Ports, Type C cable, with PD | 14.02.5045 | 10 |

## VALUE USB 3.2 Gen 1 Hub, 3 Ports, Type C connection Cable + SD/Micro SD Card Reader

**Transfer your vacation pictures/videos from the memory card of your DSLR, digital camera or other equipment to your tablet, Macbook or other USB Type C device!**

- Ideal for MacBooks and Ultrabooks, but also for mobile devices such as tablets
- Supports major SD and Micro SD card formats
- Plug and Play solution without driver installation or the like

- Power supply via USB Type C interface
- Compact, matt black plastic housing

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| | Order-No. | P.U. |
|---|---|---|
| VALUE CardReader Type C + 3x USB 3.2 Gen 1, SD/Micro SD Card Reader | 15.99.6252 | 20 |

## ROLINE Type C - HDMI Adapter, M/F, 3x USB 3.2 Gen 1 A F, 1x PD (Power Delivery)

**Connect your Macbook, Ultrabook, notebook/ laptop or PC with USB Type C connection quickly and easily to a monitor or TV via HDMI - with a resolution of up to 3840x2160 @30Hz! The additional ports (1x USB Type C with Power Delivery, 1x USB 3.0 / USB 3.2 Gen 1 and 2x USB 2.0) allow you to connect many different peripherals, such as keyboard, mouse, HDD/SSD and a power supply via USB Type C!**

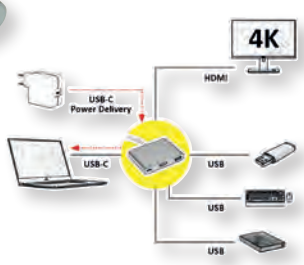
- USB 3.1 / USB 3.2 Gen 2 Type C to HDMI cable adapter, e.g. for MacBooks
- Connecting an HDMI Monitor or Projector with HDMI Connection
- Mirror or expand your display to an HDMI-enabled TV or monitor
- Compact aluminium housing

- No power supply required
- Power delivery function (for charging devices via the additional USB type C connector; 14.5V 2A)
- Connections: USB Type C plug, 1x HDMI socket, 3x USB 3.0 / USB 3.2 Gen 1 Type A socket and USB Type C socket (Power Delivery)
- Cable length: approx. 10 cm

Note: According to the current specifications of USB.org we have adapted the technical data of our USB 3 products. The new designation for the already known USB specifications has been changed to USB 3.2 Gen 1 (formerly USB 3.0 / USB 3.1 Gen 1) and USB 3.2 Gen 2 (formerly USB 3.1 / USB 3.1 Gen 2).



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| | Order-No. | P.U. |
|---|---|---|
| ROLINE Type C - HDMI Adapter, M/F, 3x USB 3.2 Gen 1 A F, 1x PD (Power Delivery) | 12.02.1134 | 10 |

## ROLINE Cableadapter Mini DisplayPort / DisplayPort / Type C - HDMI

**• You want to connect your graphics card with Mini DisplayPort / DisplayPort /Type C connector to a HDMI monitor TV with HDMI connector ? The solution is the ROLINE adapter cable with Mini DisplayPort / DisplayPort / type C to HDMI.**

- Adapter with Mini DisplayPort connector and VGA, DVI and HDMI socket
- The Mini DisplayPort / DisplayPort / USB Type C to HDMI adapter delivers UHD videos to your UHD display / projector
- Fits perfectly for mobile applications, performing of high-resolution tasks
- It's design is ideal for BYOD (Bring Your Own Device) applications at the office

- Mini DisplayPort/ DisplayPort and the reversible USB Type-C connector adapter allows an easy connection to your computer or notebook
- Maximum resolution: 3840x2160 @60Hz
- Cable length: ca. 15 cm

**Note:** The Mini DisplayPort adapter only works in one direction: the Mini DisplayPort connector is only on the data source side can be used (eg graphics card) and only ONE single output is available (DVI or HDMI or DP)

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| | Order-No. | P.U. |
|---|---|---|
| ROLINE Cableadapter Mini DisplayPort / DisplayPort / Type C - HDMI, 0.15 m, Active | 12.03.3139 | 5 |

## VALUE USB 3.2 Gen 1 Mini DP Docking Station



**Docking station for your notebook - the solution if you need more interfaces for your notebook.**

Extend the number of USB 3.0 interfaces, get another video interface and connect to a network- all with this docking station.

- Connects to the notebook via USB 3.0 (upstream) and Mini DP
- USB 3.0 Mini DP docking station
- Upstream connection: 1x USB3.0
- Downstream connection 2x USB3.0
- HDMI port with a resolution: up to 1920 x 1080
- 1x RJ45 Ethernet port (Ethernet 10/100) network can be accessed through the USB port
- Power Mode: Bus-powered
- Supported Operating System: Windows 7/ 8/ 8.1/10 and Mac OS 10
- Dimensions: 305 x 120 x 20 mm




**Connectors front side:**
- 2x USB3.0 Type A F for connection of computer/notebook peripherals (printer, scanner...)
- 1x HDMI F port for video output
- 1x DP F port for video output
- 1x RJ45- 10/100 Ethernet LAN port

**Connectors back side (notebook):**
- 1x USB 3.0 M
- 1x Mini DP M

- Contents: Docking station

| | Order-No. – P.U. |
|---|---|
| VALUE USB 3.2 Gen 1 Mini DP Docking Station | 12.99.1041 – 10 |

## VALUE Type C - HDMI/VGA Adapter + Power Delivery




**Connect your Macbook, Ultrabook, Notebook/Laptop or PC with USB Type C interface to an HDMI display or projector - with a maximum resolution of up to 3840x2160 @60Hz! Charge your device simultaneously over PD (Power Delivery) and connect an additional peripheral or other device like a SSD to the additional USB Type A Port.**

- USB 3.1 / USB 3.2 Gen 2 Type C to HDMI cable adapter for MacBook, Ultrabook, Notebook/Laptop or PC
- Mirror or extend the display of your device to any HDMI monitor or projector
- Maximum resolution: 3840x2160 @60Hz
- No additional power supply required
- USB Type C PD: Power Delivery Function for charging of devices via the additional Type C connection
- Connectors: HDMI Female and Type C Male; additionally, 1x USB 3.0 / USB 3.2 Gen 1 Type A and 1x USB Type C PD
- Cable length: ca. 10 cm

| | Order-No. – P.U. |
|---|---|
| VALUE Type C - HDMI Adapter, M/F, 1x USB 3.2 Gen 1 A F, 1x C (Power Delivery) | 12.99.1131 – 10 |
| VALUE Type C - VGA Adapter, M/F, + 1x USB 3.2 Gen 1 A F, + 1x C (Power Delivery) | 12.99.3201 – 10 |

## VALUE / ROLINE Type C - VGA / HDMI / DVI / DP Adapter




**Connect your Macbook, Ultrabook, Notebook/Laptop or PC with USB Type C connector to a VGA, DVI, HDMI or DP monitor, TV or projector - with a maximum resolution of 3840x2160 @60Hz!**

- USB 3.1 Type C to VGA / HDMI / DVI / DP cable adapter for Macbooks, Ultrabooks, Notebooks/Laptops or PCs with USB Type C interface
- Connect your device with USB Type C port to any monitor or projector with optional VGA, DVI, HDMI or DisplayPort port
- This adapter allows you to mirror or expand your display to an external display device
- Portable, compact design
- No power supply required
- Connections: VGA, DVI, HDMI and DP jack and Type C connector
- Cable length: approx. 10 cm
- Maximum resolution: 3840x2160 @60Hz

| | Order-No. – P.U. |
|---|---|
| VALUE Type C - VGA / HDMI / DVI / DP Adapter (white) | 12.99.3230 – 5 |
| ROLINE Type C - VGA / DVI / HDMI / DP Adapter (black) | 12.03.3138 – 20 |

## ROLINE Type C - HDMI Adapter + Power Delivery




**Connect a monitor or projector with HDMI interface to your MacBook, Ultrabook, Notebook / Laptop or PC with USB Type C connection. Use the additional Type C connector of the adapter to power your device (e.g. Macbook) simultaneously!**

- USB 3.1 Type C to HDMI Cableadapter
- Connect your device with USB-C port to any HDMI display or projector
- This adapter allows you to mirror or extend your display to any HDMI-enabled TV or display
- Portable design
- No power adapter required
- Connectors: HDMI Female and Type C Male; additional Type C port with PD (Power Delivery) to e.g. load your device simultaneously
- Cable length: ca. 10 cm

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| | Order-No. – P.U. |
|---|---|
| ROLINE Type C - HDMI Adapter, + 1x Type C PD, M/F | 12.03.3211 – 10 |

## VALUE USB Type C Docking Station, 4K HDMI, 3x USB 3.2 Gen 1, Gigabit Ethernet

NEW

**The docking station is supplied for Macbooks, Ultrabooks or Notebooks/Laptops and provides a quick and easy connection to the workplace peripherals that you use every day, including one HDMI connector, that allows you a maximum resolution of up to 3840x2160 @60Hz!**

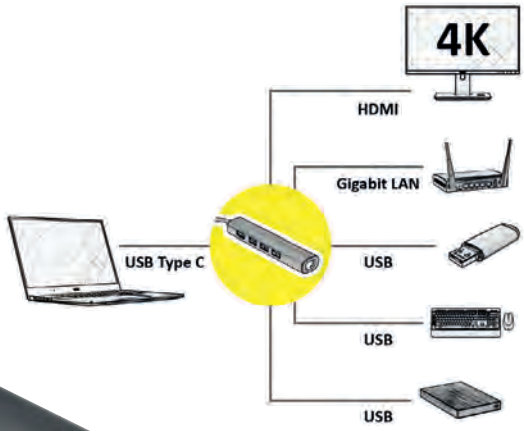
- Plug & Play
- Aluminium casing
- Small, compact design
- System requirement: Windows 7/8/10 or MacOS X10.2 and higher

**Connection to device:**
- 1x USB 3.1 / USB 3.2 Gen 2 Type C M

**Connection for peripheral devices**
- 1x HDMI Video Output: Mirror or extend your screen to a TV, monitor or projector.
- 3x USB 3.0 / USB 3.2 Gen 1 ports (data transfer rate up to 5Gbit/s), for connection of wired keyboard/mouse, USB HDD/SSD, etc.
- 1x SD/TF Card Reader
- 1x USB Type C PD (Power Delivery) + Data
- 1x RJ45 for Gigabit Ethernet

Note: According to the current specifications of USB.org we have adapted the technical data of our USB 3 products. The new designation for the already known USB specifications has been changed to USB 3.2 Gen 1 (formerly USB 3.0 / USB 3.1 Gen 1) and USB 3.2 Gen 2 (formerly USB 3.1 / USB 3.1 Gen 2).

- Contents: Docking Station, manual






| | Order-No. | P.U. |
|---|---|---|
| VALUE USB Type C Docking Station, 4K HDMI, 3x USB 3.2 Gen 1, Gigabit Ethernet | 12.99.1043 | 5 |

## ROLINE Dual Head Docking Station for Net-/Notebooks, „Black and White“

**The Dual Head docking station for net-/notebooks provides a quick and easy connection to the workplace peripherals that you use every day.**

**Connection to net-/notebook:**
- 1x USB 3.0 Type B F

**Connection for peripheral devices**
- 1x DVI-I monitor output- supports video resolutions up to 1920 x 1080
- 1x HDMI monitor output- supports video resolutions up to 1920 x 1080 (FullHD)
- 4x USB 2.0 ports make connections quick and easy
- 2x USB 3.0 for HDD or other fast USB USB 3.0 devices, ideal for use with „quick access“ devices
- 1x RJ45 Gigabit LAN jack
- 1x 3,5mm mikrophone jack on the front
- 1x 3,5mm headphone jack on the front
- Gain instant access to your keyboard, monitor, mouse and all peripherals with one USB plug
- DualView lets you expand your work area across your notebook screen and external monitor
- Dual display settings- Allows you to switch between mirror and extended video mode
- Plug & Play
- Supports Windows 2000/XP/Vista/7
- Contents: Docking Station, power supply, USB cable, stand, driver CD, manual







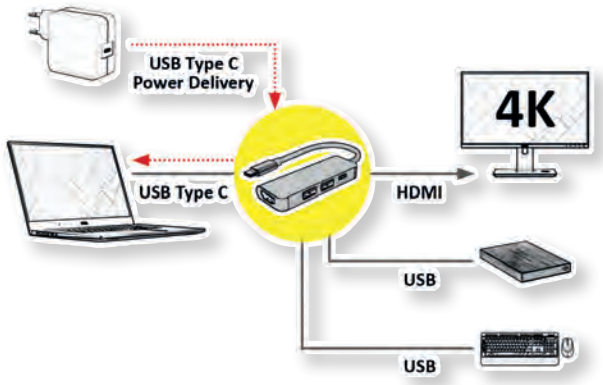
| | Order-No. | P.U. |
|---|---|---|
| ROLINE Dual Head Docking Station for Net-/Notebooks, „Black and White“, USB 3.0 | 12.02.1042 | 5 |

## VALUE Type C - HDMI Adapter, M/F, 2x USB 3.2 Gen 1 A F, 1x Type C (Power Delivery)

**Connect your Macbook, Ultrabook, Notebook/Laptop or PC with USB Type C interface to an HDMI display or projector (with a maximum resolution of up to 3840x2160 @60Hz) and another device, e.g. an external harddisk, to the additional USB Type A Port, while charging your device simultaneously over the Type C PD port!**

- USB 3.1 Type C to HDMI cableadapter for MacBook, Ultrabook, Notebook/Laptop or PC
- Connect your device with USB Type C port to any HDMI display or projector
- This adapter allows you to mirror or extend your display to your HDMI-enabled TV or display
- Maximum resolution: 3840x2160 @60Hz
- Portable design
- No power adapter required
- USB Type C PD: Power Delivery Function for charging of devices via the additional Type C connection
- Connectors: HDMI Female and Type C Male; additionally, 2x USB 3.0 A F and 1x USB Type C F
- Cable length: ca. 10 cm

Note: According to the current specifications of USB.org we have adapted the technical data of our USB 3 products. The new designation for the already known USB specifications has been changed to USB 3.2 Gen 1 (formerly USB 3.0 / USB 3.1 Gen 1) and USB 3.2 Gen 2 (formerly USB 3.1 / USB 3.1 Gen 2).






| | Order-No. – P.U. |
|---|---|
| VALUE Type C - HDMI Adapter, M/F, 2x USB 3.2 Gen 1 A F, 1x Type C (Power Delivery) | 12.99.1042 – 10 |

## ROLINE USB Type C Docking Station, 4K HDMI, 3x USB 3.2 Gen 1, SD/MicroSD Card Reader, Power Delivery

**The docking station is supplied for Macbooks, Ultrabooks or Notebooks/Laptops and provides a quick and easy connection to the workplace peripherals that you use every day, including one HDMI connector, that allows you a maximum resolution of up to 3840x2160 @30Hz!**

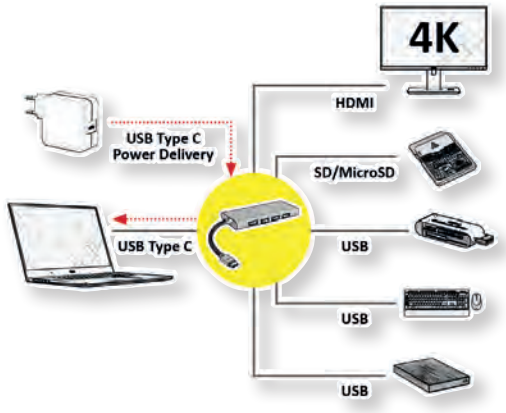
- Plug & Play
- Aluminium casing
- Small, compact design
- System requirement: Windows 7/8/10 or MacOS X10.2 and higher

**Connection to device:**
- 1x USB 3.1 / USB 3.2 Gen 2 Type C M

**Connection for peripheral devices**
- 1x HDMI Video Output: Mirror or extend your screen to a TV, monitor or projector.
- 3x USB 3.0 / USB 3.2 Gen 1 ports (data transfer rate up to 5Gbit/s), for connection of wired keyboard/mouse, USB HDD/SSD, etc.
- 1x SD/TF Card Reader
- 1x USB Type C PD (Power Delivery)

Note: According to the current specifications of USB.org we have adapted the technical data of our USB 3 products. The new designation for the already known USB specifications has been changed to USB 3.2 Gen 1 (formerly USB 3.0 / USB 3.1 Gen 1) and USB 3.2 Gen 2 (formerly USB 3.1 / USB 3.1 Gen 2).

- Contents:Docking Station, manual





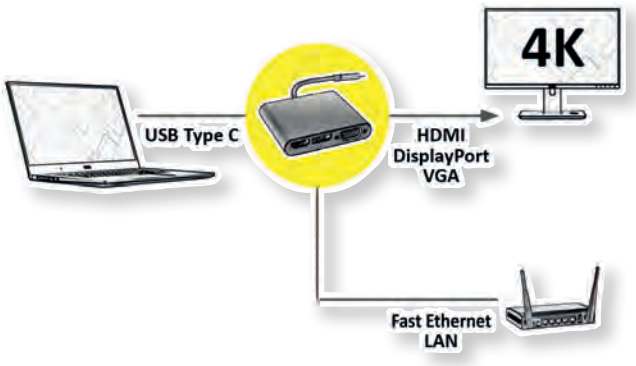

| | Order-No. – P.U. |
|---|---|
| ROLINE USB Type C Docking Station, 4K HDMI, 3x USB 3.2 Gen 1, SD/MicroSD card reader, 1x USB Type C PD (Power Delivery) | 12.02.1115 – 5 |

## ROLINE USB Type C Docking Station, 4K HDMI, VGA, DP, Fast Ethernet

**The docking station is supplied for Macbooks, Ultrabooks or Notebooks/Laptops and provides a quick and easy connection to the workplace peripherals that you use every day, including one HDMI connector, that allows you a maximum resolution of up to 3840x2160 @30Hz!**
- Plug & Play
- Aluminium casing
- Small, compact design
- System requirement: Windows 7/8/10 or MacOS X10.2 and higher

**Connection to device:**
- 1x USB 3.1 Type C M

**Connection for peripheral devices**
- 1x HDMI Video Output: Mirror or extend your screen to a TV, monitor or projector (max. resolution 2160p)
- 1x VGA (max. resolution 1080p)
- 1x DP (max. resolution 2160p)
- 1x RJ45 for Fast Ethernet
- Contents: Docking Station, manual






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| | Order-No. – P.U. |
|---|---|
| ROLINE USB Type C Docking Station,1x 4K HDMI, 1x VGA, 1x DP, 1x Fast Ethernet | 12.02.1116 – 10 |

## ROLINE USB Type C Docking Station, 4K HDMI, USB 3.2 Gen 1, Power Delivery, Gigabit Ethernet

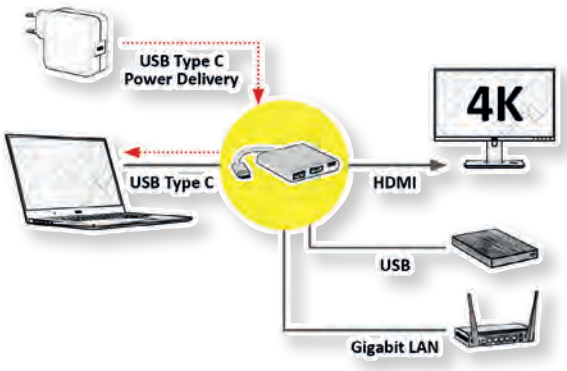
**The docking station is supplied for Macbooks, Ultrabooks or Notebooks/Laptops and provides a quick and easy connection to the workplace peripherals that you use every day, including one HDMI connector, that allows you a maximum resolution of up to 3840x2160 @60Hz and connections for USB 3.0 / USB 3.2 Gen 1!**
- Plug & Play
- Aluminium casing
- Small, compact design
- System requirement: Windows 7/8/10 or MacOS X10.2 and higher

**Connection to device:**
- 1x USB 3.1 / USB 3.2 Gen 2 Type C F

**Connection for peripheral devices**
- 1x HDMI Video Output: Mirror or extend your screen to a TV, monitor or projector.
- 1x USB 3.0 / USB 3.2 Gen 1 ports (data transfer rate up to 5Gbit/s), for connection of wired keyboard/mouse, USB HDD/SSD, etc.
- 1x USB Type C PD (Power Delivery)- for charging your connected notebook
- 1x RJ45 for Gigabit Ethernet

Note: According to the current specifications of USB.org we have adapted the technical data of our USB 3 products. The new designation for the already known USB specifications has been changed to USB 3.2 Gen 1 (formerly USB 3.0 / USB 3.1 Gen 1) and USB 3.2 Gen 2 (formerly USB 3.1 / USB 3.1 Gen 2).

- Contents: Docking Station, manual






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| | Order-No. – P.U. |
|---|---|
| ROLINE USB Type C Docking Station, 4K HDMI, 1x USB 3.2 Gen 1 Port, 1x USB Type C PD (Power Delivery), 1x Gigabit Ethernet | 12.02.1020 – 10 |

## ROLINE USB Type C Docking Station, 4K HDMI, USB 3.2 Gen 1, SD/MicroSD Card Reader, Power Delivery, Gigabit Ethernet

**The docking station is supplied for Macbooks, Ultrabooks or Notebooks/ Laptops and provides a quick and easy connection to the workplace peripherals that you use every day, including one HDMI connector, that allows you a maximum resolution of up to 3840x2160 @60Hz!**

- Plug & Play
- Aluminium casing
- Small, compact design
- System requirement: Windows 7/8/10 or MacOS X10.2 and higher

**Connection to device:**
- 1x USB 3.1 / USB 3.2 Gen 2 Type C M

**Connection for peripheral devices**
- 1x HDMI Video Output: Mirror or extend your screen to a TV, monitor or projector.
- 2x USB 3.0 / USB 3.2 Gen 1 ports (data transfer rate up to 5Gbit/s), for connection of wired keyboard/mouse, USB HDD/SSD, etc.
- 1x SD/TF Card Reader
- 1x USB Type C PD (Power Delivery) + Data
- 1x RJ45 for Gigabit Ethernet

**Note: According to the current specifications of USB.org we have adapted the technical data of our USB 3 products. The new designation for the already known USB specifications has been changed to USB 3.2 Gen 1 (formerly USB 3.0 / USB 3.1 Gen 1) and USB 3.2 Gen 2 (formerly USB 3.1 / USB 3.1 Gen 2).**

- Contents: Docking Station, manual

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| | Order-No. | P.U. |
|---|---|---|
| ROLINE USB Type C Docking Station, 4K HDMI, 2x USB 3.0 / USB 3.2 Gen 1 Ports, 1x SD/MicroSD Card Reader, 1x USB Type C PD (Power Delivery) + Data, 1x Gigabit Ethernet | 12.02.1037 | 5 |

## ROLINE GOLD USB Type C Docking Station, 4K HDMI, 2x USB 3.2 Gen 1 Ports, 1x USB Type C PD (Power Delivery)

**The docking station is supplied for Macbooks, Ultrabooks or Notebooks/ Laptops and provides a quick and easy connection to the workplace peripherals that you use every day, including one HDMI connector, that allows you a maximum resolution of up to 3840x2160 @30Hz!**

- Golden aluminium case
- Narrow, flat design
- Black golden nylon braid around the cable
- Golden shield plates and contacts for reliable signal transmission

**Connection to the mobile device:**
- 1x USB 3.1 / USB 3.2 Gen 2 Type C

**Connections for peripheral devices:**
- 1x HDMI video output: mirror or expand your screen to a TV, monitor or projector
- 2x USB 3.0 / USB 3.2 Gen 1 Type A ports (data transfer rate up to 5Gbit/s), to connect e.g. keyboard / mouse, USB HDD / SSD, etc.
- 1x USB Type C PD (Power Delivery)
- Contents: Docking Station

**Note: According to the current specifications of USB.org we have adapted the technical data of our USB 3 products. The new designation for the already known USB specifications has been changed to USB 3.2 Gen 1 (formerly USB 3.0 / USB 3.1 Gen 1) and USB 3.2 Gen 2 (formerly USB 3.1 / USB 3.1 Gen 2).**

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| | Order-No. | P.U. |
|---|---|---|
| ROLINE GOLD USB Type C Docking Station, 4K HDMI, 2x USB 3.2 Gen 1 Ports, 1x USB Type C PD (Power Delivery) | 12.02.1119 | 5 |

## ROLINE GOLD USB Type C Docking Station, 4K HDMI, 2x USB 3.2 Gen 1, 1x Type C PD (Power Delivery)

**The docking station is supplied for Macbooks, Ultrabooks or Notebooks/ Laptops and provides a quick and easy connection to the workplace peripherals that you use every day, including one HDMI connector, that allows you a maximum resolution of up to 3840x2160 @30Hz!**

- Golden aluminium case
- Narrow, flat design
- Black golden nylon braid around the cable
- Golden shield plates and contacts for reliable signal transmission

**Connection to the mobile device:**
- 1x USB 3.1 / USB 3.2 Gen 2 Type C

**Connections for peripheral devices:**
- 1x HDMI video output: mirror or expand your screen to a TV, monitor or projector
- 2x USB 3.0 / USB 3.2 Gen 1 Type A ports (data transfer rate up to 5Gbit/s), to connect e.g. keyboard / mouse, USB HDD / SSD, etc.
- 1x USB Type C PD (Power Delivery)
- Contents: Docking Station

**Note: According to the current specifications of USB.org we have adapted the technical data of our USB 3 products. The new designation for the already known USB specifications has been changed to USB 3.2 Gen 1 (formerly USB 3.0 / USB 3.1 Gen 1) and USB 3.2 Gen 2 (formerly USB 3.1 / USB 3.1 Gen 2).**

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| | Order-No. | P.U. |
|---|---|---|
| ROLINE GOLD USB Type C Docking Station, 4K HDMI, 2x USB 3.2 Gen 1 Ports, 1x USB Type C PD (Power Delivery) | 12.02.1120 | 10 |

## ROLINE USB Type C Docking Station, 4K HDMI, USB 3.2 Gen 1, SD/MicroSD Card Reader

**The docking station is supplied for Macbooks, Ultrabooks or Notebooks/Laptops and provides a quick and easy connection to the workplace peripherals that you use every day, including one HDMI connector, that allows you a maximum resolution of up to 3840x2160 @60Hz!**




- Plug & Play
- Aluminium casing
- Small, compact design
- System requirement: Windows 7/8/10 or MacOS X10.2 and higher

**Connection to device:**
- 1x USB 3.1 / USB 3.2 Gen 2 Type C M

**Connection for peripheral devices**
- 1x HDMI Video Output: Mirror or extend your screen to a TV, monitor or projector.
- 2x USB 3.0 / USB 3.2 Gen 1 ports (data transfer rate up to 5Gbit/s), for connection of wired keyboard/mouse, USB HDD/SSD, etc.

- 1x SD/TF Card Reader

Note: According to the current specifications of USB.org we have adapted the technical data of our USB 3 products. The new designation for the already known USB specifications has been changed to USB 3.2 Gen 1 (formerly USB 3.0 / USB 3.1 Gen 1) and USB 3.2 Gen 2 (formerly USB 3.1 / USB 3.1 Gen 2).

- Contents:Docking Station, manual

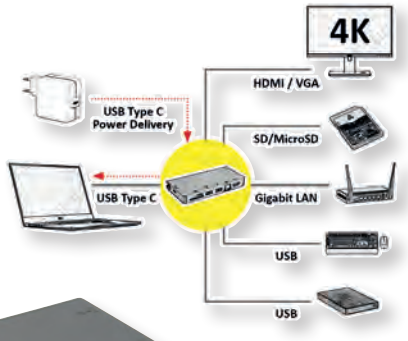


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| | Order-No. | – P.U. |
|---|---|---|
| ROLINE USB Type C Docking Station, 4K HDMI, 2x USB 3.2 Gen 1 Ports, 1x SD/MicroSD Card Reader | 12.02.1041 | – 5 |

## ROLINE USB Type C Docking Station, 4K HDMI, VGA, USB 3.2 Gen 1, SD/MicroSD Card Reader, Power Delivery, Gigabit Ethernet

**Docking Station for Macbooks, Ultrabooks or Notebooks/Laptops - offers HDMI in 4K, 1x VGA, two USB 3.0 / 3.2 Gen 1 ports, SD/MicroSD card reader, USB type C PD (Power Delivery) and one port for Gigabit Ethernet. You get a fast and easy connection to the peripherals you use every day, including VGA and HDMI ports with a maximum resolution of up to 3840x2160 @60Hz!**




- Plug & Play
- aluminium casing
- Small, compact design with a small special feature: the included USB Type C connection cable can be easily stowed in the docking station- it is therefore neither lost nor damaged during transport.
- One of the two USB 3.0 / USB 3.2 Gen 1 Type A ports supports Battery Charge v1.2 (5V 1.5A) to easily power even larger hard drives

**Connection to the device:**
- 1x USB 3.1 / USB 3.2 Gen 2 Type C BU

**Connection for peripheral devices:**
- 1x HDMI and 1x VGA port video output: Mirror or expand your screen to a TV, monitor or projector with up to 3840x2160 @60Hz resolution.
- 2x USB 3.0 / USB 3.2 Gen 1 type A ports (data transfer rate up to 5Gbit/s), e.g. for connecting a wired keyboard or mouse, USB HDD/SSD, etc.
- 1x SD/TF card reader
- 1x USB Type C BU, PD (Power Delivery)
- 1x RJ45 for Gigabit Ethernet

Note: According to the current specifications of USB.org we have adapted the technical data of our USB 3 products. The new designation for the already known USB specifications has been changed to USB 3.2 Gen 1 (formerly USB 3.0 / USB 3.1 Gen 1) and USB 3.2 Gen 2 (formerly USB 3.1 / USB 3.1 Gen 2).

- Contents: Docking Station



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| | Order-No. | – P.U. |
|---|---|---|
| ROLINE USB Type C Docking Station, 4K HDMI, 1x VGA, 2x USB 3.2 Gen 1 Ports, 1x SD/MicroSD Card Reader, 1x USB Type C PD (Power Delivery), 1x Gigabit Ethernet | 12.02.1022 | – 4 |

## ROLINE USB 3.2 Gen 2 Type C Multiport Docking Station, 4K HDMI, USB 3.2 Gen 1, SD/Micro SD Card Reader, Power Delivery, Gigabit Ethernet

**The USB Type C Docking Station provides your MacBook, Ultrabook, Notebook or Laptop with a 4k capable HDMI port, 2x USB 3.0 / USB 3.2 Gen 1, 1x SD/MicroSD card reader, 1x USB Type C PD (Power Delivery) and 1x Gigabit Ethernet!**

- Plug & Play
- Aluminium housing in space grey
- Multiport Docking Station with HDMI connection, allows the expansion of a display or mirroring to another monitor, television or beamer.
- Max. Resolution: 3840x2160 at 30Hz
- Compact and flat design.

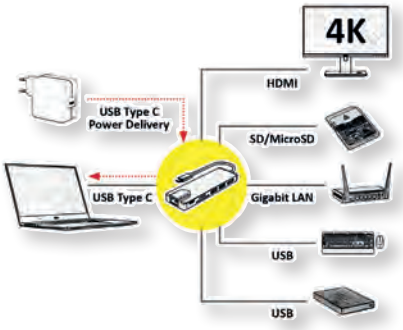
- System requirements: Windows 7/8/10 or MacOS X10.2 and higher

**Connection to the mobile device:**
- 1x USB Type C connector

**Connections for peripheral devices:**
- 1x HDMI 4K video output: Mirror or expand your screen to a TV, monitor or projector.
- 2x USB 3.0 / USB 3.2 Gen 1 Type A ports (data transfer rate up to 5Gbit/s), for connecting e.g. keyboard/mouse, USB HDD/SSD, etc.
- 1x card reader for SD/MicroSD
- 1x USB Type C PD (Power Delivery)
- 1x RJ45 for Gigabit Ethernet

Note: According to the current specifications of USB.org we have adapted the technical data of our USB 3 products. The new designation for the already known USB specifications has been changed to USB 3.2 Gen 1 (formerly USB 3.0 / USB 3.1 Gen 1) and USB 3.2 Gen 2 (formerly USB 3.1 / USB 3.1 Gen 2).

- Contents: Docking Station







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| | Order-No. | P.U. |
|---|---|---|
| ROLINE USB 3.2 Gen 2 Type C Multiport Docking Station, 4K HDMI, 2x USB 3.2 Gen 1, 1x SD/Micro SD Card Reader, 1x USB Type C PD (Power Delivery), 1x Gigabit Ethernet | 12.02.1118 | 5 |

## ROLINE USB 3.2 Gen 2 Type C Multiport Docking Station, 4K HDMI / Mini DP, VGA, USB 3.2 Gen 1, SD/Micro SD Card Reader, Power Delivery, Gigabit Ethernet, Audio

**The USB Type C Docking Station with three video ports supplies your MacBook, Ultrabook, Notebook or Laptop with each one 4K capable HDMI/Mini DisplayPort connection, as well as with a VGA port, 3x USB 3.0 / USB 3.2 Gen 1, 1x SD/MicroSD card reader, 1x USB Type C PD (Power Delivery), 1x Gigabit Ethernet and a 3.5mm Audio Port!**

- Plug & Play
- Aluminum enclosure in space grey
- Multiport Docking Station for maximum connectivity, allows you to expand one display or mirror it to up to two monitors, TVs or beamers at a time.
- Max. resolution: 3840x2160 @30Hz
- Small, compact and flattened design- Notebooks can be positioned at an angle on the docking station to make typing easier and healthier
- Anti-slip surface on both sides to protect your device
- System requirements: Windows 7/8/10 or MacOS X10.2 and higher

Note: According to the current specifications of USB.org we have adapted the technical data of our USB 3 products. The new designation for the already known USB specifications has been changed to USB 3.2 Gen 1 (formerly USB 3.0 / USB 3.1 Gen 1) and USB 3.2 Gen 2 (formerly USB 3.1 / USB 3.1 Gen 2).

- Contents: Docking Station









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| | Order-No. | P.U. |
|---|---|---|
| USB 3.2 Gen 2 Type C Multiport Docking Station, 4K HDMI/Mini DP, VGA, 3x USB 3.2 Gen 1, 1x SD/Micro SD Card Reader, 1x USB Typ C PD (Power Delivery), 1x Gigabit Ethernet, 1x 3.5mm Audio | 12.02.1117 | 2 |

## ROLINE Type C - 3.5mm Audio Adapter, M/M

**First choice for your Type C USB devices that don't have a 3.5mm jack, such as MacBooks, Ultrabooks, smartphones, and tablets - this cable helps you to connect these devices to headphones, headsets, and Hi-Fi systems!**

- The adapter cable converts the USB Type C into a 3.5mm stereo plug.
- Reversible design for the USB Type C connector
- Stable signal transmission for clear sound and voice quality
- Portable for mobile use
- Connector: 3.5mm plug and Type C plug




| | Order-No. | P.U. |
|---|---|---|
| ROLINE Type C - 3.5mm Audio Adapter, M/M, 0.8 m | 12.03.3216 | 20 |
| ROLINE Type C - 3.5mm Audio Adapter, M/M, 1.8 m | 12.03.3217 | 20 |
| ROLINE Type C - 3.5mm Audio Adapter, M/M, 3 m | 12.03.3218 | 10 |

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## VALUE Type C - 2x 3.5mm Audio Adapter, M/F

**First choice for your Type C USB devices that don't have a 3.5mm jack, such as MacBooks or Ultrabooks, as well as smartphones and tablets.**

- The adapter cable converts the USB Type C into two 3.5mm audio jacks, one each for microphone and headphones.
- Reversible design for the USB Type C connector
- Stable signal transmission
- Portable for mobile use
- Color-coded jacks with headphone/microphone icons
- Connectors: 2x 3.5mm sockets and 1x type C connector
- Cable length: approx. 13 cm




| | Order-No. | P.U. |
|---|---|---|
| VALUE Type C - 2x 3.5mm Audio Adapter, M/F, 0.15 m | 12.99.3213 | 10 |

Value®

## ROLINE Type C - 2x 3.5mm Audio Adapter, M/F

**First choice for your Type C USB devices that don't have a 3.5mm jack, such as MacBooks or Ultrabooks, as well as smartphones and tablets.**

- The adapter cable converts the USB Type C into two 3.5mm audio jacks, one each for microphone and headphones.
- Reversible design for the USB Type C connector
- Stable signal transmission
- Narrow plastic housing for mobile applications
- Color-coded jacks with headphone/microphone icons
- Connectors: 2x 3.5mm sockets and 1x type C connector
- Cable length: approx. 13 cm




| | Order-No. | P.U. |
|---|---|---|
| ROLINE Type C - 2x 3.5mm Audio Adapter, M/F, 0.15 m | 12.03.3209 | 20 |

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## ROLINE Type C - 2x Type C (Audio + PD), M/F

**First choice for your USB Type C devices that aren't equipped with a 3.5mm jack, like MacBooks or other Ultrabooks, as well as Smartphones and Tablets.**

- The adapter cable allows the connection of a headset with C connector to a USB type C socket
- Reversible design for the USB Type C connector
- Stable signal transmission
- Portable design
- Connectors: 2x Type C Female and 1x Type C Male
- Power Delivery Function (for charging of devices via the additional type-C connection)
- Cable length: ca. 13 cm




| | Order-No. | P.U. |
|---|---|---|
| ROLINE Type C - 2x Type C (Audio + PD), M/F, 0.13 m | 12.03.3219 | 10 |

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## ROLINE USB Type C - 1x 3.5mm Audio + 1x Type C (PD), M/F

**First choice for your USB Type C devices that aren't equipped with a 3.5mm jack, like MacBooks or other Ultrabooks, as well as Smartphones and Tablets.**

- The adapter cable allows the connection of a headset or headphones with 3.5mm stereo plug and offers an additional USB Type C port for parallel charging of your terminal device
- Reversible design for the USB Type C connector
- Stable signal transmission
- Flexible, durable cable, perfectly suited for mobile use
- Connectors: 1x 3.5mm stereo jack and 1x USB type C connector
- Power delivery function (for charging devices via the additional type C connector)
- Cable length: approx. 13 cm







| | Order-No. | – P.U. |
|---|---|---|
| ROLINE USB Type C - 1x 3.5mm Audio + 1x Type C (PD), M/F, 0.13 m | 12.03.3222 | – 10 |

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## ROLINE USB Type 8 Pin - 3.5mm Audio Adapter, M/F

**First choice for your iPads/iPhones with Lightning jack, which are not equipped with a 3.5mm audio connector - to make calls/conferences or simply listen to music.**

- The adapter cable converts the Lightning socket of your iPhone/iPad into a 3.5mm audio socket.
- Reversible design for the Lightning connector
- Stable signal transmission
- Flexible, durable cable, perfectly suited for mobile use
- Connector: 3,5mm socket and Lightning plug
- Cable length: approx. 13 cm










| | Order-No. | – P.U. |
|---|---|---|
| ROLINE USB Type 8 Pin - 3.5mm Audio Adapter, M/F, 0.13 m | 12.03.3214 | – 10 |

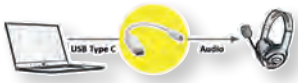
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## VALUE / ROLINE / ROLINE GOLD USB Type C - 3.5mm Audio Adapter, M/F

**First choice for your USB Type C devices that aren't equipped with a 3.5mm jack, like MacBooks or other Ultrabooks, as well as Smartphones and Tablets.**

- The adapter cable converts USB Type C to 3.5mm Audio jack
- Reversible design for the USB Type C connector
- Stable signal transmission
- Portable design
- Connectors: 3.5mm Female and Type C Male
- Cable length: ca. 13 cm










| | Order-No. | – P.U. |
|---|---|---|
| VALUE Adapter USB Typ C - 3,5mm Audio, ST/BU, 0,13 m | 12.99.3214 | – 10 |
| ROLINE Adapter USB Typ C - 3,5mm Audio, 0,13 m | 12.03.3213 | – 10 |
| ROLINE GOLD Adapter USB Typ C - 3,5mm Audio, ST/BU, 0,13 m | 12.03.3223 | – 10 |

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## VALUE / ROLINE 3.5mm Adapters

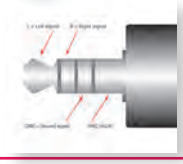
- Use in multimedia environment
- Adapter to connect 3,5mm Stereo male plug to 2 x 3,5mm Stereo female plug (Audio)









| | | Order-No. | – P.U. |
|---|---|---|---|
| VALUE 3.5mm Adapter, 1x 3.5mm M to 2x 3.5mm F | A | 11.99.4440 | – 100 |
| VALUE 3.5mm Adapter, 1x 3.5mm M to 2x RCA F | B | 11.99.4441 | – 100 |
| ROLINE 4 Conductor 3.5 mm Stereo Plug (speaker+microphone), 15 cm | C | 11.09.4441 | – 20 |

## VALUE Holder for IPad/Ebook/Tablet

- Wall/under desk (clamp) cabinet mount for most of the tablets like iPad1, iPad2, iPad3, iPad 4, iPad Air and iPad Air 2, Samsung Galaxy 10.1 and Tab 2
- 360° rotation of panel and base
- Flexible angle between two legs of 36°~ 180°
- Adjustable top leg length of 26-64mm
- Die casting joint part connecting aluminum arms with length of 120mm
- Freely ±30° tilted silicone feet for holding your tablets perfectly
- Tilt of panel: ±125°
- Tilt of arms: ±100°
- Material: aluminum/steel/plastic




| | | Order-No. | – P.U. |
|---|---|---|---|
| VALUE Holder for IPad/Ebook/Tablet, Wall- / Under Cabinet Mount, 4 Joints | A | 17.99.1150 | – 5 |
| VALUE Holder for iPad/Ebook/Tablet, Clamp Type, 4 Joints | B | 17.99.1151 | – 5 |

## VALUE Car Smartphoneholder, Air vent fixing, Magnetic

**Practical, magnetic holder for smartphones - suitable for many car types thanks to its attachment to the ventilation grill**

**17.99.1098**
- Extra large, rectangular support surface of approx. 30x50mm for secure, strong hold of your smartphone
- Rubberized surfaces and thus even better protection against scratches and slips
- Also suitable as a holder for mobile navigation devices
- Magnetic metal plate included in scope of delivery
- 360° rotation

**17.99.1099**
- Extra large, rectangular support surface of approx. 30x50mm for secure, strong hold of your smartphone
- The integrated ball-and-socket joint allows 360° rotation and thus optimum alignment
- No scratches because of rubberized surfaces (soft touch finish to protect your smartphone)



| | Order-No. | – P.U. |
|---|---|---|
| VALUE Car Smartphoneholder, Air vent fixing, Magnetic, rotatable | 17.99.1098 | – 10 |
| VALUE Car Smartphoneholder, Air vent fixing, Magnetic, black | 17.99.1099 | – 10 |

## VALUE USB Wall Chargers

**For powering a smartphone/tablet, external SSD/HDD or other devices**
- For charging or as a power supply from a device via its USB input
- Perfect supplement for your Wireless Charger, as the scope of delivery often does not include plug-in power supplies
- Suitable, for example, for smartphone/tablet, external SSD/HDD enclosures and other devices
- Charger with one USB Type A socket
- Matt black PVC housing and Euro flat plug

Technical data
- Plug-in power supply
- Input voltage: 100- 240V AC, 50- 60Hz




| Technical data: | 19.99.1038 | 19.99.1090 | 19.99.1064 | 19.99.1091 |
|---|---|---|---|---|
| Input: | 100 - 240 VAC | 100 - 240 VAC | 100 - 240 VAC | 100 - 240 VAC |
| Output: | 1x USB A F | 1x USB A F | 2x USB A F | 1x USB A F<br>1x USB C |
| | 5V 2.4A | 3.6V-6.5V/3A, 6.5V-9V/2A, 9V-12V/1.5A (max. 18 W) | 5V / 2A | 3.6V-6.5V/3A, 6.5V-9V/2A, 9V-12V/1.5A (max. 18 W)<br>5V / 3A |
| Power (max.): | 10W | 18W | 10W | 33W |
| Dimensions: | 50 x 28 x 48 mm | 64 x 27 x 88 mm | 46 x 28 x 85 mm | 50.5 x 29 x 71 mm |
| Additional features | | QC 3.0 (Quick Charge) | | QC 3.0 (Quick Charge)<br>Power Delivery |




| | | Order-No. | – P.U. |
|---|---|---|---|
| VALUE USB Wall Charger, 1-Port, 10W | A | 19.99.1038 | – 20 |
| VALUE USB Wall Charger, 1-Port, QC3.0, 18W | B | 19.99.1090 | – 10 |
| VALUE USB Wall Charger, 2-Ports, 10W | C | 19.99.1064 | – 20 |
| VALUE USB Wall Charger, 2-Ports (1x QC3.0, 1x USB C), 33W | D | 19.99.1091 | – 10 |

## ROLINE USB Wall Chargers

**For charging or powering a device via its USB input.**
- For charging of mobile devices (tablets / smartphones)
- Quick Charge 3.0 supported (19.11.1019 / 19.11.1024 QC3.0)
- Multi-Protection: Over Current / Short Circuit / Over Voltage Protection
- Compact Design
- PowerIQ technology- identifies what kind of device is plugged into and delivers the proper voltage/amperage
- Input: 100- 240 V AC, 50- 60 Hz

| **Technical data:** | **19.11.1023** | **19.11.1018** | **19.11.1029** | **19.11.1019** |
|---|---|---|---|---|
| Input: | 100 - 240 VAC | 100 - 240 VAC | 100 - 240 VAC | 100 - 240 VAC |
| Output: | 1x USB C F | 2x USB A F (5V; 2.4A) | 1x USB C | 1x USB A F |
| | 3.3-5.9V/3A, 3.3-11V/2A; 5V/3A, 9V/2A, 12V/1.5A | 5V/2,4A - 3A, 9V-3A, 12V/3A, 15V/3A, 20V/3A, 20,3V/3A | 5V-3A, 9V-3A, 15V-3A, 20V-3.5A (max. 65 W) | (3.6-6.5V/3A; 6.5V-9V/2A; 9-12V/1.5A) |
| Power (max.): | 18W | 61W | 65W | 18W |
| Dimensions: | 37 x 24 x 82 mm | 55 x 29 x 88 mm | 55 x 29 x 88 mm | 40 x 30 x 53 mm |
| Additional features | QC 4.0 (Quick Charge) | QC 3.0 (Quick Charge) | Power Delivery | QC 3.0 (Quick Charge) |

| **Technical data:** | **19.11.1024** | **19.11.1026** | **19.11.1032** | **19.11.1033** |
|---|---|---|---|---|
| Input: | 100 - 240 VAC | 100 - 240 VAC | 100 - 240 VAC | 100 - 240 VAC |
| Output: | 1x USB A C | 2x USB A F (5V; 2.4A) | 1x USB A F | 3x USB A F |
| | | | 1x USB C | |
| | 3.6V-6.5V/3A,6.5V-9V/2A, 9V-12V/2A (max. 24 W) | | 3.6V-6.5V/3A,6.5V-9V/2A, 9V-12V/2A (max. 24 W) 5V 3A / 9V 3A / 15V 2A / 20V 1.5A | 3.6V-6.5V/3A,6.5V-9V/2A, 9V-12V/2A (max. 24 W) 5V 2.4A |
| Power (max.): | 24W | 5VDC; 4.8A | 49.5W | 36W |
| Dimensions: | 55 x 29 x 88 mm | 64 x 27 x 88 mm | 63.6 x 62.2 x 28.5mm | 63.6 x 62.2 x 28.5mm |
| Additional features | QC 3.0 (Quick Charge) | | QC 3.0 (Quick Charge) Power Delivery | QC 3.0 (Quick Charge) |




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| | | Order-No. – P.U. |
|---|---|---|
| ROLINE Power Wall Charger, 1x Type C, QC4.0, 18W | A | 19.11.1023 – 10 |
| ROLINE Power Wall Charger, 1x Type C PD/QC3.0, 61W | B | 19.11.1018 – 10 |
| ROLINE Power Wall Charger, 1x Type C, 65W | C | 19.11.1029 – 10 |
| ROLINE Power Wall Charger, 1x USB A, QC3.0, 18W | D | 19.11.1019 – 10 |
| ROLINE Power Wall Charger, 1x USB A, QC3.0, 24W | E | 19.11.1024 – 10 |
| ROLINE Power Wall Charger, 2x USB A, 24W | F | 19.11.1026 – 10 |
| ROLINE Power Wall Charger, 2x USB, 1x QC3.0 + 1x C (PD), 49.5W | G | 19.11.1032 – 10 |
| ROLINE Power Wall Charger, 3x USB, 1x QC3.0 + 2x 5V/2.4A, 36W | H | 19.11.1033 – 10 |

## ROLINE USB Chargers, 4 / 6 Ports, up to max. 60W

- For charging mobile devices (tablets /smartphones), even four at one time.
- Multi-Protection: Over Current / Short Circuit / Over Voltage Protection
- IQ technology
- Input range: 100- 240 V AC, 50- 60 Hz
- Contents:USB charger, power cable (2pin Euro) 1,2m

| **Technical data:** | **19.11.1030** | **19.11.1031** |
|---|---|---|
| Input: | 100 - 240 VAC | 100 - 240 VAC |
| Output: | 4x USB A F | 2x USB A F |
| | 1x USB A F, QC3.0 3.6V-6.5V/3A, 6.5V-9V/2A, 9V-12V/2A | 1x USB A F, QC3.0 3.6V-6.5V/3A, 6.5V-9V/2A, 9V-12V/2A |
| | 1x USB C F (5V; 3A) | 1x USB C F (5V; 3A) |
| Power (max.): | 60W | 40W |
| Dimensions: | 28 x 67 x 101 mm | 28 x 58 x 91 mm |
| Additional features | IQ technology QC 3.0 (Quick Charge) | IQ technology QC 3.0 (Quick Charge) |



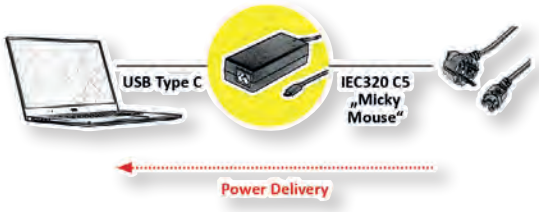

| | | Order-No. – P.U. |
|---|---|---|
| ROLINE USB Charger, 6 Ports (4x USB A, 1x USB C, 1x USB A QC3.0), max. 60W | A | 19.11.1030 – 10 |
| ROLINE USB Charger, 4 Ports (3x USB + 1x USB C), max. 40W | B | 19.11.1031 – 10 |

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## ROLINE USB Charger, C5 Connection, 1x Type C Port, 65W

**For charging or as power supply of a device via USB type C - with up to 65W!**

- For charging devices with USB Type C socket such as MacBooks, Ultrabooks, Notebooks, Laptops, NUCs, Tablets or even Smartphones
- Perfect for on the go: simply use any cable with C5 plug and country-specific connection
- Supports USB PD (Power Delivery) function on output port
- Protection: Current / short-circuit / overvoltage protection
- Compact design, black housing and cable
- Input: 100- 240V AC, 50-60Hz
- Output: 5V-3A, 9V-3A, 12V-3A, 15V-3A, 20V-3,25A (max. 65 W)







| | Order-No. – P.U. |
|---|---|
| ROLINE USB Charger, C5 Connection, 1x Type C Port, 65W | 19.11.1034 – 10 |

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## VALUE USB Charger with Car Plug

**Easily charge your smartphone or other USB devices in the car or power mobile navigation devices**

- Car plug
- Input voltage: DC 12V- 24V
- Contents:car charger

| Technical data: | 19.99.1039 | 19.99.1059 | 19.07.1054 |
|---|---|---|---|
| Input: | 12-24 V DC, 2.1A max. | 12-24 V DC, 2.1A max. | 12-24 V DC |
| Output: | 2x USB Type A F (1x QC3.0) | 2x USB Type A F | 2x USB A F |
| Power: | 18W<br>1x 3.6-6.5VDC 3A, 6.5-9VDC 2A, 9V-12VDC 1A<br>1x 5V DC 2.4A | 10W (5VDC; .12A) | 15,5W (5VDC;3,1A) |
| Dimensions: | 33x53mm | 33x35mm | 33 x 60 mm |

19.99.1039



19.99.1059



Value®

19.07.1054



| | Order-No. – P.U. |
|---|---|
| VALUE USB Charger with Car Plug, 2-Port (1x QC3.0, 1x 5VDC 2.4A), 18W | 19.99.1039 – 20 |
| VALUE USB Car Charger, 2 Port, 10W | 19.99.1059 – 20 |
| ROLINE USB Car Charger, 2 Port, 15W | 19.07.1054 – 10 |

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## VALUE / ROLINE Wireless Charging Pad for Mobile Devices, 10W

**Wireless Charging Pad for wireless charging of QI-enabled smartphones - the integrated coil with up to 10W in the charger allows the device to be charged very quickly and efficiently.**

- Charges a compatible smartphone or other matching Qi devices
- One charging coil for up to 10W of power
- Plug & Play- No driver required
- For use, for example, at the workplace in the office or at home
- Integrated LED display
- Colour: black/white
- Contents: Wireless charging pad, manual

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| | Order-No. – P.U. |
|---|---|
| VALUE Wireless Charging Pad for Mobile Devices, 10W | 19.99.1011 – 10 |
| ROLINE Wireless Charging Pad for Mobile Devices, 10W | 19.11.1011 – 10 |

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## ROLINE Wireless Charging Stand for Mobile Devices, 10W

**Wireless Charging Stand for matching smartphones or tablets - the two integrated coils with up to 10W in the charger allow a smartphone to be charged in „portrait“ or „landscape“ mode, for example.**

- Charges a Qi-compatible smartphone or other suitable Qi device
- Two charging coils for up to 10W power: for charging in „Portrait“ or „Landscape“ mode of your smartphone
- Plug & Play- No driver required
- Ideal for e.g. office or bedroom
- Integrated LED display
- Colour: black
- Contents: Qi charging station, USB charging cable, operating instructions

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| | Order-No. – P.U. |
|---|---|
| ROLINE Wireless Charging Stand for Mobile Devices, 10W | 19.11.1010 – 10 |

## ROLINE Wireless Charging Mouse Pad for Smartphones and Mice, 10W

**Wireless Charging Mouse Pad for wireless charging of smartphones and mice - the integrated coil in the mouse pad with up to 10W, the device can be charged very quickly and efficiently.**

- Charges a compatible smartphone or other matching Qi devices, such as mice that support wireless charging
- One charging coil for up to 10W of power
- Plug & Play, no additional software installation necessary
- Perfect for the office, home office or mobile workplace
- Integrated LED display
- Black mouse pad with leather-like surface
- Contents: Wireless Charging Mouse Pad, USB Charging Cable, User Manual

**REMARK: The smartphone is not included**

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| | Order-No. – P.U. |
|---|---|
| ROLINE Wireless Charging Mouse Pad for Smartphones and Mice, 10W, black | 19.11.1014 – 10 |

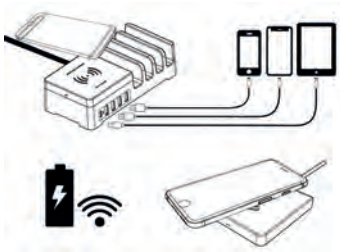
## ROLINE Multiport USB Charger + Wireless Charging Pad for Mobile Devices, 10W

**5-Port Charging Station with 1x Quick Charge 3.0, 1x Type C and an additional wireless charging pad for QI-enabled devices - the integrated coil with up to 10W allows the device to be charged very quickly and efficiently!**

- Power and charge up to 5 devices (smart phones, tablet PCs, MP3 players, or other matching Qi devices) at once in one convenient location on your desktop, counter top, lobby, or waiting room... or anywhere else, where tablets or smartphones need to be highly available
- Most cell phones and tablets fit in station's slots without removing protective cases
- 5 Powered USB Ports (4x USB type A- one of them compliant with Quick Charge QC3.0) + 1x C (Power Delivery, max. 30W)
- Wireless Charging- one charging coil for up to 10W power
- Over voltage/current, output short circuit protection, over load protection on each port
- Built-in smart charging chipset provides and determines the charge needed for your device, delivering a steady and safe charge
- Plug & Play- No driver required
- Integrated LED display
- Input: 100-240V 50/60Hz

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- Output:
  - Type C PD Output: 5V/3A;9V/3A;12V/2.5A/15V/2A (PD max. 30W);
  - Wireless Output: 10W Fast charge;
  - QC 3.0 Output: 3.6V-6V, 3A, 6.5V-9V, 2A; 9V-12V, 1.5A;
  - Smart Output: 3x 5V, 2.4A(max);
- Total Output: max. 55W
- Contents: Charging station, connection cable, manual






| | Order-No. – P.U. |
|---|---|
| ROLINE Multiport USB Charger + Wireless Charging Pad for Mobile Devices | 19.11.1012 – 5 |

## ROLINE USB Charging Station

- For charging smart phones, tablet PCs (e. g. iPad), MP3 players ...
- Power and charge up to 7 devices at once in one convienent location on your desktop, counter top, lobby, or waiting room.
- Perfect for home or office use, most cell phones and tablets fit in station's slots without removing protective cases (slot widths- 19mm)
- 7 Powered USB Ports (5x 2.4A)- Simply connect your own charging cable and the charging station will charge up to 7 devices, including smartphones and high-powered devices such as tablets
- Organize up to 7 devices- 7 slots with anti-scratch silicone pads organize your devices even with the cases still on
- Surge protection on each port
- Built-in smart charging chipset provides and determines the charge needed for your device, delivering a steady and safe charge
- Power in a compact space
- Power Supply: 19VDC; 3.4A
- Output: 7x 2.4A
- Contents: USB charger, power adapter

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| Technical data: | 19.07.1051 |
|---|---|
| Number of ports: | 7 |
| Output: | 7x USB 2.0 A, F |
| Input Voltage: | 100 - 240V AC, 50 - 60Hz |
| Output Voltage: | 5VDC |
| Power Output rate: | 7x 5V DC 2.4A |
| Colour: | black |
| Material (housing): | plastic |

| | Order-No. – P.U. |
|---|---|
| ROLINE USB Charging Station, 7 Port | 19.07.1051 – 10 |

## VALUE USB Charging Station, 7 Port, with Storage Box

**Charges up to 7 devices simultaneously via USB, such as smartphones, tablets, eReader and many other devices.**

- Provides 7 USB sockets (5x type A, 1x QC3.0, 1x type C)
- Easy to use at home or on the go; most smartphones and tablets fit (even with a case) into the holders on the device.
- Detachable connection cable (1.2m). (IEC320 C7 on Euro flat plug)
- Overvoltage protection on each port
- Smart charging function: Determines the charging demand of each connected device and charges- controlled- according to
- The power supply unit, cables and the corresponding holding rails can be stowed in the housing in a space-saving and safe manner

**Technical Specifications**

- Charger with mains input and seven USB outputs, 5x type A socket, 1x QC3.0, 1x type C
- Input voltage: 100- 240V AC, 50- 60Hz
- Output voltage: 5x type A DC 5V 1.5A/2.4A; 1x QC3.0 DC 3.6V- 5V / 2A, 5.2V- 9V / 2A, 9.2V- 12V /1.5A; 1x type C 5V 3A

- Contents: 1x USB 7-Port Smart Charging Hub, 1x main adaptor 15VDC/4A + AC Power Cable, 1x Storage Box, 8x Removable Brackets

**REMARK:**
**Please see for additional charging stations page 7.08**







| | Order-No. – P.U. |
|---|---|
| VALUE USB Charging Station, 7 Port, with Storage Box | 19.99.1069 – 4 |

## VALUE Universal Smartphone / Tablet Lock

**Glue-On Locking Plate with a built in security slot**

- Application: stores, display units, trade shows and more
- Easy to use: loop the cable around a fixed object and secure the locking head into the locking plate on the tablet/ iPad/ Smartphone
- 3mm industrial glue- this plates are removable and offer a perfect balance between security, aesthetics and the ability to remove without damaging the devices or leaving glue behind
- Steel cable: 4mm thick, ca. 1.6 m length with PVC coating
- Content: 1x glue-on Locking Plate (45x45mm) with a built in security slot, 1x strong steel cable, 2x keys
- Contents: Anti-Theft Cable with keys



| | Order-No. – P.U. |
|---|---|
| VALUE Universal Smartphone / Tablet Lock, with key | 19.99.3025 – 5 |

## VALUE Notebook Cable Security Lock

**Suitable for all notebooks with „security hole"**

- Easy use and installation: tie the steel cable around any furniture or something like that
- Install the security lock in the „security hole" and lock it with the key
- Zinc alloy housing and brass cylinder
- Satin nickel plated standard, other finishes available upon request
- 7-pin tumbler mechanism
- Steel made tubular keys, nickel plated
- Key withdrawals in one position only
- 90 degrees turn to unlock
- Stainless steel cable: 5 mm diameter, 1.7 m length, dark grey with transparent PVC coating
- Contents: Anti-Theft Cable with keys



| | Order-No. – P.U. |
|---|---|
| VALUE Notebook Cable Security Lock, with key | 19.99.3022 – 50 |



# Multimedia

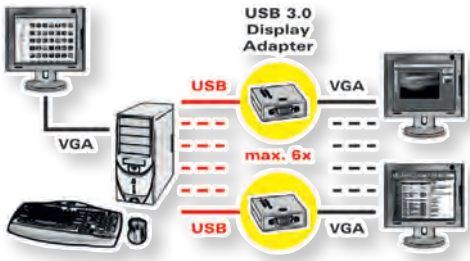
6


USB Display Adapters . . . . . 6.02
Audio/Video Extenders over TP . . . . . 6.02 – 6.05
HDMI / DP Extenders. . . . . 6.02, 6.03
Wireless HDMI Audio/Video Systems . . . . . 6.05
UHD HDMI Active Cables . . . . . 6.06 – 6.07
Audio/Video Splitters . . . . . 6.08 – 6.10, 6.11
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Audio Extractor . . . . . 6.14 – 6.15
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Headsets. . . . . 6.16
Video Grabber / Converter . . . . . 6.16
Multimedia Audio/Video Modules. . . . . 6.16

## VALUE USB Display Adapter, USB 3.0 to VGA

- Compliant with USB 3.0 specification revision 1.0
- Compliant to USB A/V standard
- USB upstream port supporting SuperSpeed/HighSpeed data rate (5 Gbit/s / 480Mbit/s)
- Video output up to 1920 x 1080 @ 60 Hz in USB 3.0 application
- Video output 800 x 600 in USB 2.0 application
- Plug & Play
- Contents: USB display adapter









| | Order-No. – P.U. |
|---|---|
| VALUE USB Display Adapter, USB3.0 to VGA | 12.99.1037 – 10 |

## VALUE USB 3.0 Mini DP Docking Station

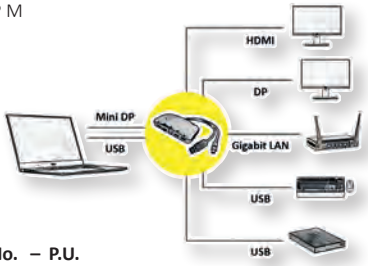
1080p FULL HD

- USB 3.0 Mini DP docking station
- Upstream connection: 1x USB3.0
- Downstream connection 2x USB3.0
- HDMI port with a resolution: up to 1920 x 1080
- 1x RJ45 Ethernet port (Fast Ethernet 10/100) network can be accessed through the USB port
- Power Mode: Bus-powered
- Supported Operating System: Windows 7/ 8/ 8.1/10 and Mac OS 10
- Dimensions: 305 x 120 x 20 mm
- Contents: Adapter

**Connectors front side:**
- 2x USB3.0 Type A F for connection of computer/notebook peripherals (printer, scanner...)
- 1x HDMI F port for video output
- 1x DP F port for video output
- 1x RJ45- 10/100 Fast Ethernet LAN port

**Connectors back side:**
- 1x USB 3.0 M
- 1x Mini DP M



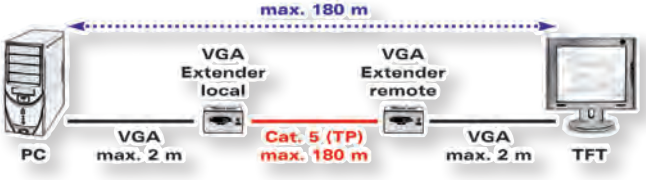

| | Order-No. – P.U. |
|---|---|
| VALUE USB3.0 Mini DP Docking Station | 12.99.1041 – 10 |

## VALUE VGA Extender over Twisted Pair

- Extension of VGA signal over Cat. 5e cable, up to 80 m
- Equalization length is adjustable
- VGA signal gain is adjustable
- Durable metal casing
- Supports power over cable technique, only one unit has to be connected to power
- Hardware solution, no compatibility problems
- Contents: Local unit, remote unit, 1x power supply (12V DC, 600mA) for remote unit, VGA cable HD15 M-M (1.2 m), manual

| Technical data: | each unit |
|---|---|
| | 1x USB 3.0 |
| VGA connection: | 1x HD15 F |
| TP ports: | 1x RJ-45 |
| Max. resolution (nominal): | 1280 x 1024 @ 60Hz |
| Casing: | Metal |
| Power supply: | 12V DC, 1A |



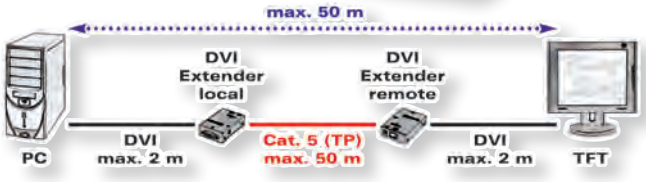

| | Order-No. – P.U. |
|---|---|
| VALUE VGA Extender over Twisted Pair, 80 m | 14.99.3431 – 10 |
| VALUE VGA Extender over Twisted Pair, 180 m | 14.99.3430 – 10 |

## ROLINE Active DVI Extender over Twisted Pair



- DVI Extender (one Local and one Remote Unit) in combination with a twisted pair cable extends a DVI-D video signal up to 50 meters
- Max. distance from local unit to remote unit: 50 m
- Supports DVI-D
- EDID Function
- Max. resolution (nominal): 1920 x 1080
- Metal housing
- Contents: Local unit (RJ-45 F, DVI F), remote unit (RJ-45 F, DVI F), 2x power supply, manual






**Technical Data:**

| | |
|---|---|
| Max. resolution (nom.): | 1920 x 1080 |
| Local Unit: | 1x RJ-45 F, 1x DVI F |
| Remote Unit: | 1x RJ-45 F, 1x DVI F |

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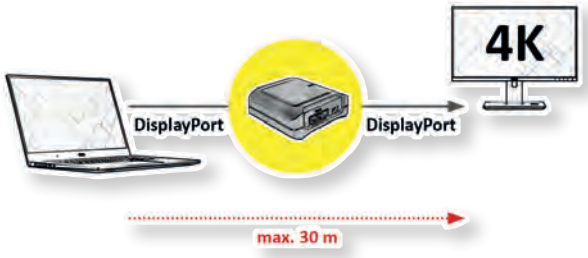
| | Order-No. – P.U. |
|---|---|
| ROLINE Active DVI Extender over Twisted Pair, 50 m | 14.01.3408 – 5 |

## ROLINE DisplayPort Extender, 30m

**DisplayPort Repeater to create a point-to-point connection to reduce costs for applications that require a single DisplayPort input and output device over long distances - with up to 3840x2160 @60Hz resolution!**




- Ideal for display applications in conference rooms, classrooms & training facilities etc.
- Extend the DisplayPort signal up to 30 meters
- Supports DisplayPort resolutions up to 4K @60Hz
- Compliant with DisplayPort specification v1.2
- Compliant with HDCP 2.2 & DPCP
- Supports 4K 60Hz (max. length: 5m in; 5m out); 4K 30Hz (max. length: 15m in; 15m out); 2560 x 1600 60Hz (max. length: 10m in; 20m out)
- Supports DP++ Dual Mode, compatible with HDMI, DVI or VGA adapters
- HDTV compatible
- LED Indicator
- Plug & Play
- Power supply included in the scope of delivery (5 VDC, 1A)
- Contents: DisplayPort v1.2 Repeater, Power Supply (5V 1A), Quick Installation Guide




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| | Order-No. – P.U. |
|---|---|
| ROLINE DisplayPort Extender, 30m | 14.01.3473 – 12 |

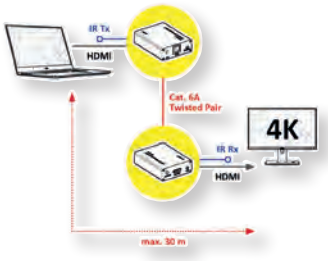
## ROLINE Audio/Video System, HDMI, via Cat.6A, 4K@60Hz

4K 2160p UHD-1

**The ROLINE HDMI A/V system transmits an HDMI signal from a source device like a DVD player, a PC/laptop or a console via Cat.6A cable to a display device like a TV, monitor or beamer/projector - with a resolution of up to 3840x2160 @60Hz (max. 30m) or 1920x1080 @60Hz (max. 45m)!**



Audio / video transmission is via HDMI and CAT. 6a cable. Up to 4k (3840x2160) @60Hz at a distance of up to 30m can be achieved. At longer distances of up to 45m the resolution is reduced to Full HD (1920x1080) @60Hz.




- Transmits HDMI signals from source devices such as DVD players, PCs/laptops or consoles to a TV, monitor or beamer/projector.
- Resolution: 4k (3840x2160) @60Hz at up to 30m; Full HD (1920x1080) @60Hz at up to 45m
- HDCP compatible
- Supports 3D video transmission
- Black metal housing
- Contents: transmitter, receiver, 2 power supplies, manual

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| | Order-No. – P.U. |
|---|---|
| ROLINE Audio/Video System, HDMI, via Cat.6A, 4K@60Hz, 30m/45m | 14.01.3417 – 5 |

## VALUE HDMI Extender over TP

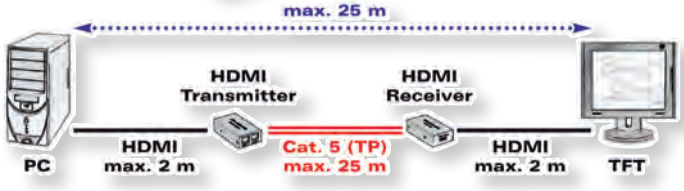
3D capable | 1080p FULL HD

- The transmission distance of the HDMI signal can be extended up to 25 meters by using two Cat. 5e/6 cables
- Max. resolution (nominal) while using two Cat.5e cables, 25 m: 1080p
- HDCP pass-through
- Stable metal casing
- Power supply included in delivery
- Contents: Transmitter (2x RJ-45 F, HDMI F), Receiver (2x RJ-45, HDMI F), 1x power supply (5V DC, 2A) for receiver, manual




**Technical Data:**

| | |
|---|---|
| Max. resolution (nominal): | 1.920 x 1.200, 1080p |
| Local unit: | 2x RJ-45 F, 1x HDMI F |
| Remote unit: | 2x RJ-45 F, 1x HDMI F |
| Dimensions: | 20 x 45 x 80 mm |
| Power supply: | DC 5V; 2A |



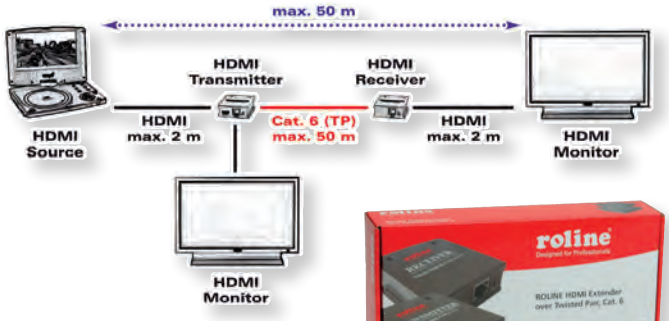

| | Order-No. – P.U. |
|---|---|
| VALUE HDMI Extender over Twisted Pair, 25 m | 14.99.3460 – 5 |

## ROLINE HDMI Extender over TP

3D capable | 1080p FULL HD

- The transmission distance of the HDMI signal can be extended up to 50 meters by using only one Cat.6 cable
- Additional HDMI port on transmitter to connect a local display
- Max. resolution (nominal) over 50 meters: 1920 x 1080, 1080p
- Works with HDMI switch, HDMI splitter and all kinds of HDMI/HDCP source and output displays
- No software installation required
- Metal housing
- Power supply included

- Contents:
  Transmitter (1x RJ-45 F, 2x HDMI F), Receiver (1x RJ-45 F, 1x HDMI F),
  2x power supply (for transmitter), manual







**Technical data (14.01.3461):**

| | |
|---|---|
| Max. resolution (nominal): | 1.920 x 1.200, 1080p |
| Transmitter: | RJ-45 F, 2x HDMI F |
| Receiver: | RJ-45 F, 1x HDMI F |
| Technical data (14.01.3462): | 20 x 45 x 80 mm |
| Max. resolution (nominal): | 1.920 x 1.200, 1080p |
| Transmitter: | RJ-45 F, 1x HDMI F |
| Receiver: | RJ-45 F, 1x HDMI F |

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| | Order-No. – P.U. |
|---|---|
| ROLINE HDMI Extender over Twisted Pair, Cat.6, 50m | 14.01.3461 – 5 |
| ROLINE HDMI Extender over Twisted Pair, Cat.5/6, 100 m | 14.01.3462 – 1 |

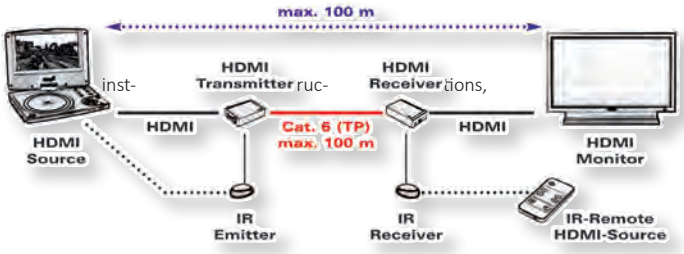
## VALUE HDMI Extender over Twisted Pair

1080p FULL HD

**HDMI extension via twisted pair cable up to 100 meters - with a resolution of 1920x1080 @60Hz!**

- To extend the distance between source and display up to 100 meters
- Max. Resolution from 1920x1080 @60Hz up to 100m using a Cat. 5e Twisted Pair cable
- HDMI cable length max. 2m
- Sturdy metal housing
- HDCP compatible
- Contents: Transmitter, receiver, 1x plug-in power supply (9V DC; 1A) for transceiver, short 2x infrared cable and remote control






| | Order-No. – P.U. |
|---|---|
| VALUE HDMI Extender over Twisted Pair, 100.0 m, | 14.99.3463 – 5 |

## ROLINE HDMI Extender over Twisted Pair, Cat.5/6, chainable

1080p FULL HD

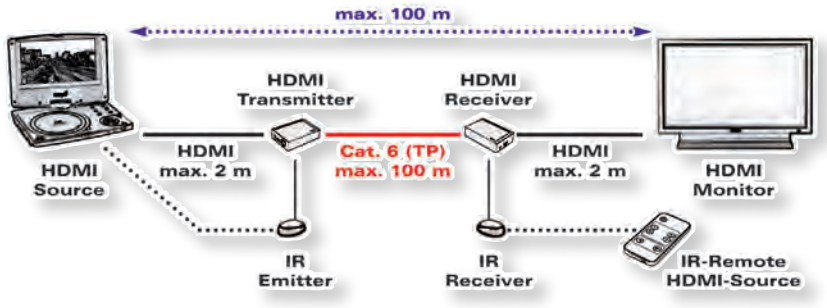
**The transmission distance of the HDMI signal can be extended up to 100 m by using one Cat.5e or Cat.6 cable.**

- Easily connect the transmitter and the receiver unit with a twisted pair cable of up to 100 m length
- Max. resolution (nominal) over 100 m: 1920 x 1200, 1080p
- Supports uncompressed HDMI signal
- Supports CEC pass-through
- Supports uncompressed audio stereo
- External infrared emitters- allow using the remote control of the source device
- Metal housing
- Power supply included in content of delivery
- Contents: Transmitter (1x RJ-45 F, 2x HDMI F), receiver (3x RJ-45 F, 1x HDMI F), infrared extender trasnsmitter, infrared extender receiver, 2x power supply, 2x cables IR (1.1m), 2x serial cables (3.5mm/DB9F, 1.1m), manual




Technical data (14.01.3468):

| | |
|---|---|
| Max. resolution (nominal): | 1.920 x 1.200, 1080p |
| Transmitter: | RJ-45 F, 2x HDMI F |
| Receiver: | RJ-45 F, 1x HDMI F |
| Technical data (14.01.3469): | |
| Max. resolution (nominal): | 1.920 x 1.200, 1080p |
| Receiver: | 3x RJ-45 F, 1x HDMI F |
| Dimensions: | 115 x 91 x 28mm |




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| | | Order-No. | – P.U. |
|---|---|---|---|
| ROLINE HDMI Extender over TP, Cat.5/6, chainable, 100 m | A+B | 14.01.3468 | – 1 |
| ROLINE HDMI Receiver over TP, for 14.01.3468, 100 m | B | 14.01.3469 | – 1 |

digital signage

## VALUE Wireless Audio/Video System, HDMI

1080p FULL HD

**The practical VALUE Wireless HDMI Audio/Video System transmits an HDMI signal wirelessly from a video source such as a DVD player, PC/laptop or console to a TV, beamer/projector or monitor - in a Full HD resolution of 1920x1080 @60Hz and up to 100m range!**

The devices are connected via HDMI. The antennas enable wireless transmission of the HDMI signal between transmitter and receiver over a distance of up to 100 meters. The HDMI signal is encrypted for secure transmission.

- Transmits an HDMI signal wirelessly
- Antennas for audio/video transmission up to 100m distance between source and display device
- Suitable for mounting under a tabletop or on the wall, for maximum flexibility
- Sturdy metal housing in black
- Resolution: Supports Full HD (1920x1080 @60Hz)
- 3D support
- HDCP compatible
- Contents: Sender, receiver, 2x power supply, manual

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| | Order-No. | – P.U. |
|---|---|---|
| VALUE Wireless Audio/Video System, HDMI, 100 m | 14.99.3413 | – 2 |

## ROLINE Wireless Audio/Video System, HDMI

1080p FULL HD

**The practical ROLINE Wireless HDMI Audio/Video System transmits an HDMI signal wirelessly from a video source such as a DVD player, PC/laptop or console to a TV, beamer/projector or monitor - in a Full HD resolution of 1920x1080 @60Hz and up to 300m range!**

The devices are connected via HDMI. The antennas enable wireless transmission of the HDMI signal between transmitter and receiver over a distance of up to 300 meters. The HDMI signal is encrypted for secure transmission.

- Transmits an HDMI signal wirelessly
- Antennas for audio/video transmission up to 300m distance between source and display device
- Suitable for mounting under a tabletop or on the wall, for maximum flexibility
- Sturdy metal housing in black
- Resolution: Supports Full HD (1920x1080 @60Hz)
- 3D support
- HDCP compatible
- Contents: Sender, receiver, 2x power supply, manual

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| | Order-No. | – P.U. |
|---|---|---|
| ROLINE Wireless Audio/Video System, HDMI, 300 m | 14.01.3414 | – 2 |

## ROLINE HDMI High Speed Cable with Repeater

3D capable | 1080p FULL HD

- For a total length of 30 meters between PC and monitor
- Hardware solution, no software required
- Integrated repeater without external power supply
- Dimensions of repater: 15 x 23 x 75 mm
- Color: black
- Contents: cable with integrated repeater



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| | Order-No. | P.U. |
|---|---|---|
| ROLINE HDMI High Speed Cable, M - M, with Repeater, 30 m | 14.01.3465 | 1 |

## ROLINE HDMI High Speed Cable with Ethernet with Repeater

3D capable | 1080p FULL HD

- For a total length of 25 meters between computer and monitor
- Active repeater is integrated in the connectors
- Hardware solution, no software required
- No external power supply needed
- Connectors: HDMI Type A M
- Color: Black

NEW



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| | Order-No. | P.U. |
|---|---|---|
| ROLINE HDMI High Speed Cable w.Eth., M - M, with Repeater, 25 m | 14.01.3458 | 3 |

## ROLINE HDMI High Speed Cable with Ethernet, with Repeater

4K | 2160p UHD-1

**High-quality HDMI connection cable with HDMI connectors for optimal transmission of digital UHD TV signals at resolutions of up to 3840x2160 @30Hz at up to 50m.**

- For a total length of 50 meters between Transmitter (PC, BluRay player, ...) and Receiver (Monitor, TV, Beamer)
- Active repeater for optimal signal transmission
- Hardware solution, no software required
- Connectors: HDMI Type A M/M
- Color: Black




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| | Order-No. | P.U. |
|---|---|---|
| ROLINE HDMI High Speed Cable with Ethernet, M/M, with Repeater, 50.0 m | 14.01.3464 | 2 |

## ROLINE HDMI Ultra HD Cable + Ethernet, Active, Short Lengths

4K | 2160p UHD-1

**High-quality HDMI connection cable with HDMI connectors for optimal transmission of digital HDTV signals at data rates up to 18 Gbit/s (600MHz). For the transmission of films in digital cinema-quality, with a resolution of up to 3840x2160 @60Hz!**

- HDMI Ethernet Channel- Adds high-speed networking to an HDMI link, allowing users to take full advantage of their IP-enabled devices without a separate ethernet cable
- Audio Return Channel- Allows an HDMI-connected TV with a built-in tuner to send audio data „upstream“ to a surround audio system, eliminating the need for a separate audio cable
- 3D- Defines input/output protocols for major 3D video formats
- Cable with HDMI male connector on both sides
- High quality cable with golden plated shell
- Gold plated contacts for higher durability



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| | Order-No. | P.U. |
|---|---|---|
| ROLINE HDMI Ultra HD Cable + Ethernet, active, M/M, black, 1 m | 11.04.5910 | 20 |
| ROLINE HDMI Ultra HD Cable + Ethernet, active, M/M, black, 1.5 m | 11.04.5911 | 20 |
| ROLINE HDMI Ultra HD Cable + Ethernet, active, M/M, black, 2 m | 11.04.5912 | 15 |
| ROLINE HDMI Ultra HD Cable + Ethernet, active, M/M, black, 3 m | 11.04.5913 | 15 |
| ROLINE HDMI Ultra HD Cable + Ethernet, active, M/M, black, 5 m | 11.04.5915 | 10 |

## VALUE UHD HDMI 4K Active Cables

4K 2160p UHD-1

**This cable achieves resolutions with up to 4K UHD (3840x2160) @ 60Hz in up to 25m distance between data source and receiver! It's 3D capable and audio transmission is included.**

- For a total length of 25 meters between computer and monitor
- Active repeater is integrated in the connectors
- Hardware solution, no software required
- No external power supply needed
- Connectors: HDMI Type A M
- Max. resolution: 3840x2160 @60Hz



| | Order-No. – P.U. |
|---|---|
| VALUE UHD HDMI 4K2K Active Cable, M/M, 10 m | 14.99.3451 – 5 |
| VALUE UHD HDMI 4K2K Active Cable, M/M, 15 m | 14.99.3452 – 5 |
| VALUE UHD HDMI 4K2K Active Cable, M/M, 20 m | 14.99.3453 – 5 |
| VALUE UHD HDMI 4K2K Active Cable, M/M, 25 m | 14.99.3454 – 5 |

## ROLINE UHD HDMI 4K Active Cables

4K 2160p UHD-1

**This cable achieves resolutions with up to 4K UHD (3840x2160) @ 60Hz in up to 25m distance between data source and receiver! It's 3D capable and audio transmission is included.**

- For a total length up to 25 meters e.g. between computer and monitor
- Active repeater is integrated in the connectors
- Hardware solution, no software required
- No external power supply needed
- Connectors: HDMI Type A M
- Max. resolution: 3840 x 2160 @60Hz



| | Order-No. – P.U. |
|---|---|
| ROLINE UHD HDMI 4K Active Cable, M/M, 10 m | 14.01.3451 – 5 |
| ROLINE UHD HDMI 4K Active Cable, M/M, 15 m | 14.01.3452 – 5 |
| ROLINE UHD HDMI 4K Active Cable, M/M, 20 m | 14.01.3453 – 5 |
| ROLINE UHD HDMI 4K Active Cable, M/M, 25 m | 14.01.3454 – 5 |

## VALUE Cable UHD HDMI Active Optical (AOC)

4K 2160p UHD-1

**With our UHD (3840x2160 @60Hz) capable HDMI fiber cable you have the possibility to establish a connection of up to 50m between your devices. The active cable (AOC) does not require a separate power supply and is particularly well suited for routing in a cable duct.**

- Total length of the terminal distance (e.g., from notebook / laptop to beamer or PC to monitor): 50 meters
- Hardware solution, no software required
- A signal repeater is installed in the connectors
- No external power supply required
- Low plug dimensions
- Maximum resolution of up to 3840x2160 @60Hz



| | Order-No. – P.U. |
|---|---|
| VALUE Cable UHD HDMI Active Optical (AOC), M/M, 50 m | 14.99.3482 – 1 |

## ROLINE Cable UHD HDMI Active Optical (AOC)

4K 2160p UHD-1

**With our UHD (3840x2160 @60Hz) capable HDMI fiber cable you have the possibility to establish a connection of up to 50m between your devices. The active cable (AOC) does not require a separate power supply and is particularly well suited for routing in a cable duct.**

- Total length of the terminal distance (e.g., from notebook / laptop to beamer or PC to monitor): 50 meters
- Hardware solution, no software required
- A signal repeater is installed in the connectors
- No external power supply required
- Low plug dimensions
- Maximum resolution of up to 3840x2160 @60Hz



| | Order-No. – P.U. |
|---|---|
| ROLINE Cable UHD HDMI Active Optical (AOC), M/M, 50 m | 14.01.3482 – 1 |

## VALUE DisplayPort Active Cable, v1.2, Active

4K 2160p

**With our UHD (3840x2160 @60Hz) bi-directional DisplayPort cable you can connect up to 15/20 m between your devices. The active cable does not require a separate power supply.**

- Total length of the end device distance (e.g. from notebook/laptop to beamer or PC to monitor): 15 / 20 meters
- Hardware solution, no software required
- A signal repeater is built into the connectors.
- The practical plug design prevents the cable from slipping out of the DisplayPort socket.
- Bidirectional: the cable can be used independently of the plug-in direction.
- Compliant DP v1.2 (max. 3840x2160 @60Hz)



| | Order-No. – P.U. |
|---|---|
| VALUE DisplayPort Active Cable, v1.2, active, M/M, 15 m | 14.99.3495 – 2 |
| VALUE DisplayPort Active Cable, v1.2, active, M/M, 20 m | 14.99.3496 – 2 |

## ROLINE DisplayPort Cables (AOC)

8K 4320p

**With our UHD (7680x4320 @60Hz) capable DisplayPort fiber optic cable you have the possibility to connect up to 30/ 50m between your devices. The active cable (AOC) does not require a separate power supply and is particularly suitable for installation in the cable duct due to its small diameter.**

- Total length of the end device distance (e. g. from notebook/laptop to beamer or PC to monitor): 30 / 50 meters
- Hardware solution, no software required
- A signal repeater is built into the connectors.
- No external power supply required; the cable contains a copper fibre for power supply
- Small connector and cable dimensions; the cable has a smaller diameter than comparable cables made of pure copper due to the glass fibres.
- The practical plug design prevents the cable from slipping out of the DisplayPort socket



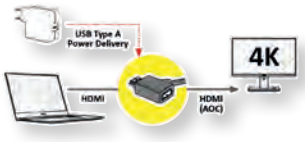
| | Order-No. – P.U. |
|---|---|
| ROLINE DisplayPort Cable (AOC), M/M, 30m | 14.01.3490 – 1 |
| ROLINE DisplayPort Cable (AOC), M/M, 50m | 14.01.3492 – 1 |

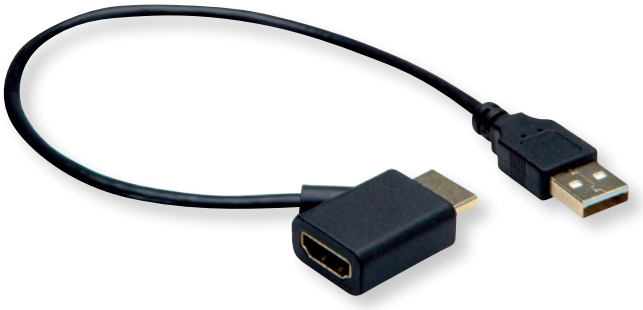
## ROLINE USB to HDMI Power Supply Cable, M/F

**The perfect extension for powering AOC HDMI cables over long distances (>=50m)!**
- As support for active HDMI cables- Ensures power supply
- Hardware solution, no software required
- Small connector dimensions
- Maximum resolution up to 3840x2160 @60Hz

- **REMARK: Please be noted that this cable is NOT an active repeater!**

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| | Order-No. – P.U. |
|---|---|
| ROLINE USB to HDMI Power Supply Cable, M/F, 0.2 m | 14.01.3481 – 30 |

## VALUE / ROLINE Ultra HD HDMI Repeater, 4K

**Allows you to extend the transmission range of your HDMI connection by up to 20m in total. Supports a maximum resolution of up to 3840x2160 @60Hz!**

This 4k2k HDMI repeater regenerates the incoming HDMI Signal by decoding and re-encoding it to a new standard HDMI signal, so it can extend the transmission range without degradation. Up to 20 meters transmission distance. The repeater supports a resolution up to Ultra HD (4K)

- Support 3D and up to 3840x2160 @60Hz
- Compliant with HDCP
- Compatible to Full-HD 1080P
- Frequency bandwidth: up to 340MHz

- Input/output resolution HD:480i@60Hz, 576i@50Hz, 480p@60Hz, 1080p@50Hz, 1080p@60H-z,1080i@50Hz, 1080p@30Hz, 1080p@25Hz, 1080p@24Hz,2160P@30Hz, 2160P@60Hz
- Dimensions (WxHxD): 14.01.3459: 28 x 13 x 51mm

4K 2160p UHD-1

B




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A

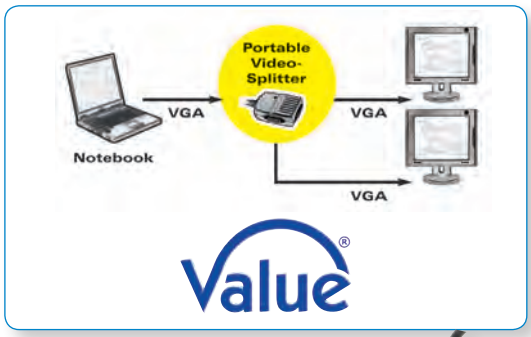



| | | Order-No. – P.U. |
|---|---|---|
| VALUE 4K HDMI Repeater, 20m | A | 14.99.3459 – 20 |

| | | Order-No. – P.U. |
|---|---|---|
| ROLINE Ultra HDMI Repeater, 4K, 20m | B | 14.01.3459 – 10 |

## VALUE VGA Video Splitters, 2/4-way

- Duplicates VGA video signals to two/four video outputs
- Applications: multimedia, presentations, demos, etc.
- Max. resolution (nominal):
  1920 x 1440 (14.99.3523)
  1920 x 1080 (14.99.3527/3529)
- Video bandwidth: 250 MHz / 500 MHz
- Supports DDC and DDC2 on Port 1 (14.99.3523)
- Video input: 1x HD15 M,
  Video output: 2x / 4x HD15 F
- Contents: Video splitter (cable length: 65 cm + 30 cm USB cable for power supply - 14.99.3523)
  14.99.3527 /14.99.3529 – splitter, main adapter 9VDC, 300mA




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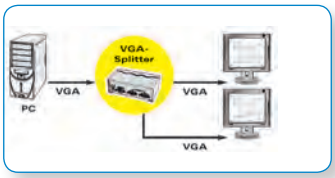



| Technical data: | 14.99.3523 | 14.99.3527 | 14.99.3529 |
|---|---|---|---|
| VGA input: | 1x HD15 M | 1x HD15 M | 1x HD15 M |
| VGA output: | 2x HD15 F | 2x HD15 F | 4x HD15 F |
| Video bandwidth: | 250 MHz | 500 MHz | 500 MHz |
| Max. resolution (nominal): | 1920 x 1440 | 1920 x 1080 | 1920 x 1080 |

| | Order-No. – P.U. |
|---|---|
| VALUE Portable VGA Video Splitter, 250 MHz, 2-way | 14.99.3523 – 5 |
| VALUE Desktop VGA Video Splitter, 500 MHz, 2-way | 14.99.3527 – 10 |
| VALUE Desktop VGA Video Splitter, 500 MHz, 4-way | 14.99.3529 – 10 |

## ROLINE VGA Video Splitter, 450 MHz, 2-way

- Applications
  - High Quality Multimedia Presentations
  - Video Conferencing
  - Education
  - Public Broadcasting Systems
  - Demos
- Duplicates one video signal to two outputs
- Supports 450 MHz bandwidth
- Max. resolution (nominal): 1920 x 1440
- DDC compatible
- USB Bus powered (USB power cable included)
- Cascadable
- Plastic casing
- Contents: Splitter, USB power cable (1.1m)







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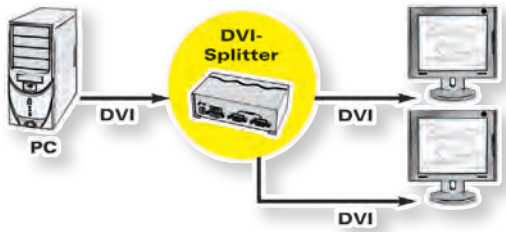

| Technical Data: | 14.01.3534 |
|---|---|
| Input: | 1x HD15 M |
| Output: | 2x HD15 F |
| VGA bandwidth (-3db): | 450MHz |
| Max resolution (nominal): | 1920x1080 |
| Cable distance: | 30 m |
| Power supply: | 5VDC; 0.5A |

| | Order-No. | P.U. |
|---|---|---|
| ROLINE VGA Video Splitter, 450 MHz, 2-way | 14.01.3534 | 3 |

## VALUE DVI Video Splitter

- Applications: multimedia, presentations, demos, etc.
- Duplicates DVI Video signals to two DVI Video outputs
- Video-bandwidth: 225MHz
- Max. resolution: 1920x1080
- Supports cascading of splitters
- Contents: Splitter, main adapter, manual



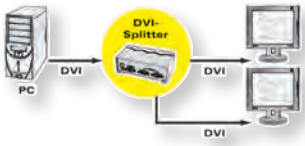

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| Technical Data: | 14.99.3501 |
|---|---|
| Input: | 1x DVI F |
| Output: | 2x DVI F |
| Max. resolution (nominal): | 1920 x 1080 |
| Dimensions (LxWxH): | 155 x 70 x 23 mm |
| Power supply: | 5V DC, 2A |

| | Order-No. | P.U. |
|---|---|---|
| VALUE DVI Video Splitter, 2-way | 14.99.3501 | 5 |

## ROLINE DVI Video Splitter

- Applications: multimedia, presentations, demos, etc.
- Duplicates DVI Video signals to two DVI Video outputs
- Max. resolution: 1920x1200
- Supports cascading of splitters
- Contents: Splitter, main adapter, manual







| Technical Data: | 14.01.3550 |
|---|---|
| Input video: | 1x DVI F |
| Output video: | 2x DVI F |
| Input audio: | 1x 3,5mm F |
| Output audio: | 2x 3,5mm F |
| Max. resolution (nominal): | 1920 x 1200 |
| Dimensions (LxWxH): | 180 x 85 x 20 mm |
| Power supply: | 9V DC, 0,6A |

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| | Order-No. | P.U. |
|---|---|---|
| ROLINE DVI Video Splitter, 2-way | 14.01.3550 | 6 |

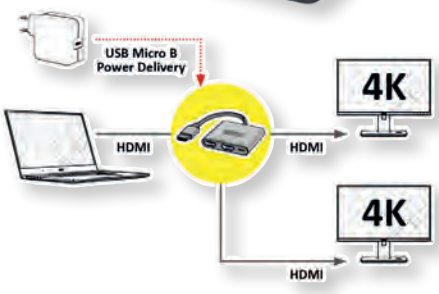
## VALUE HDMI Splitter, 4K, 2-way

4K

**For the connection of up to two HDMI-capable display devices (monitor/TV/beamer) via HDMI source (Ultrabook, laptop/notebook, BluRay player, etc.) - allows mirroring on up to two display devices at a resolution of up to 3840x2160 @60Hz!**

- Duplicates a HDMI video signal to two HDMI video signals
- Connectors: 1 HDMI Input (e.g. BluRay/DVD-player), 2 HDMI outputs
- Max. resolution: 3840 x 2160 @60Hz
- Supports up to 5m cable on output side
- Plug & play, easy to install and simple to operate
- No software installation required
- Power supply is optional, but recommended (not included in the scope of delivery)
- Contents: splitter, manual



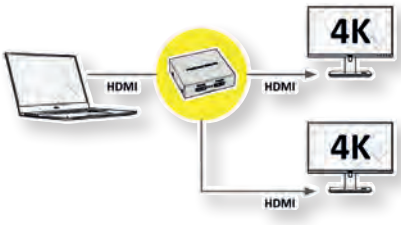

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| | Order-No. | P.U. |
|---|---|---|
| VALUE HDMI Splitter, 4K, 2-way | 14.99.3585 | 10 |

## ROLINE HDMI Splitter, 2/4-way

4K

- Duplicates a HDMI video signal to two/four HDMI video signals
- Connectors: 1 HDMI Input (e.g. DVD-player), 2/4 HDMI outputs
- Supports 480i, 480p, 720i, 720p, 1080i, 1080p, 3840x2160 @30Hz
- Plug & play, easy to install and simple to operate
- No software installation required
- HDCP 1.3 compliant
- Contents: splitter, manual










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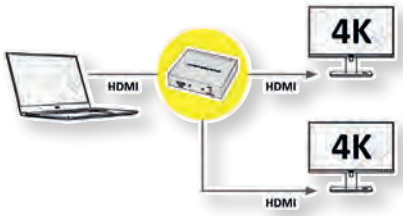



| | Order-No. – P.U. |
|---|---|
| ROLINE HDMI Splitter, 2-way | 14.01.3555 – 10 |
| ROLINE HDMI Splitter, 4-way | 14.01.3553 – 2 |

## VALUE HDMI Splitter, 4K

3D capable | 4K | 2160p ULTRA HD

- Duplicates a HDMI video signal to two HDMI video signals with a 4K resolution
- Connectors: 1 HDMI Input (e.g. DVD-player), 2/8 HDMI outputs
- Supports 480i, 480p, 720i, 720p, 1080i, 1080p, 3840 x 2160 (@60Hz)
- Supports VGA, SVGA, XGA, UXGA
- Supports 3D
- Plug & play, easy to install and simple to operate
- No software installation required
- Contents: splitter, manual, powersupply







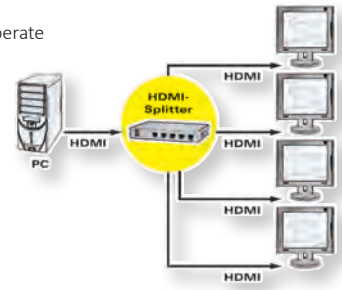
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| | Order-No. – P.U. |
|---|---|
| VALUE HDMI Splitter, 4K2K, 2-way | 14.99.3582 – 10 |

## ROLINE HDMI Splitter, 4K

4K | 2160p ULTRA HD

- Duplicates a HDMI video signal to 2/4/8 HDMI video signals with a 4K resolution
- Connectors: 1 HDMI Input (e.g. DVD-player), 2/4/8 HDMI outputs
- Supports 480i, 480p, 720i, 720p, 1080i, 1080p,3840 x 2160 (@60Hz)
- Supports VGA, SVGA, XGA, UXGA
- Supports 3D
- Plug & play, easy to install and simple to operate
- No software installation required
- Contents: splitter, manual, powersupply




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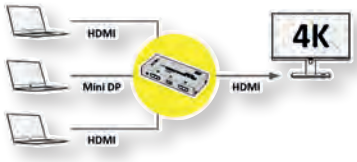
| | Order-No. – P.U. |
|---|---|
| ROLINE HDMI Splitter, 4K, 2-way | 14.01.3585 – 5 |
| ROLINE HDMI-splitter, 4K, 4-way | 14.01.3586 – 5 |
| ROLINE HDMI Splitter, 4K, 8-way | 14.01.3583 – 6 |

## VALUE HDMI / Mini DisplayPort/ HDMI to HDMI Switch

4K | 2160p ULTRA HD

**Displays the video output of 2 HDMI or Mini DisplayPort sources on a monitor, TV, or projector.**
Allows several HDMI and DisplayPort sources to be connected to one HDMI display like e.g. a monitor, TV, projector.
- Connectors input 3-way: 2x HDMI Type A F, 1x Mini DisplayPort F
- Connector output: 1x HDMI F
- Supports 480p, 720p, 1080i and 1080p, 2160p
- Selects input source via push button
- LED indication for source selection
- Plug & play, no software required
- HDCP 2.2 supported
- Contents: Switch, power supply, manual



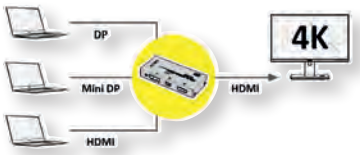

| | Order-No. | P.U. |
|---|---|---|
| VALUE HDMI / Mini DisplayPort/ HDMI to HDMI Switch | 14.99.3540 | 15 |

## VALUE HDMI / Mini DisplayPort/ DisplayPort to HDMI Switch

4K | 2160p ULTRA HD

**Displays the video output of an HDMI, DisplayPort or Mini DisplayPort sources on a monitor, TV, or projector.**
Allows several HDMI and DisplayPort sources to be connected to one HDMI display like e.g. a monitor, TV, projector.
- Connectors input 3-way: 1x HDMI Type A F, 1x DisplayPort F , 1x Mini DisplayPort F
- Connector output: 1x HDMI F
- Supports 480p, 720p, 1080i and 1080p, 2160p
- Selects input source via push button
- LED indication for source selection
- Plug & play, no software required
- HDCP 2.2 supported
- Contents: Switch, power supply, manual



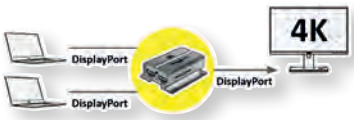




| | Order-No. | P.U. |
|---|---|---|
| VALUE HDMI / Mini DisplayPort/ DisplayPort to HDMI Switch | 14.99.3541 | 15 |

## VALUE DisplayPort Switch, 2-way

**2-Port DisplayPort v1.2 Switch for switching between two sources on one display device - with a resolution of up to 3840x2160 @60Hz!**
- Switching between the sources is done by push buttons on the switch or remote control.
- Simple plug and play solution without additional software
- Resolution: max. 3840x2160 @60Hz (at max. 1m input and max. 3m output)
- Black metal housing
- Screwable due to the brackets fastened to the underside
- HDCP 2.2 and DPCP compatible
- Contents:DP Switch, power supply, short manual, remote control



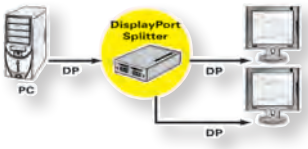



| | Order-No. | P.U. |
|---|---|---|
| VALUE DisplayPort Switch, 2-way | 14.99.3542 | 6 |

## ROLINE DisplayPort Splitter

4K

- The DisplayPort splitter allows single DP source to be displayed on two/four DP input monitors simultaneously
- Supports video resolution up to 3840 x 2160 (@30Hz) and audio up to PCM 7.1 (32-192 kHz sample rate)
- Supports 1.62/2.7 Gb/s data rate (Low/ High bit rate)
- Ideal device for your DP source to applications like multi display, information sharing, advertising program
- Remark: the device supports only DisplayPort mode, it can not connect DP to HDMI level shift convert
- Contents: splitter, power supply, manual







| | Order-No. | P.U. |
|---|---|---|
| ROLINE DisplayPort Splitter, 2-way | 14.01.3590 | 10 |

## ROLINE HDMI/DisplayPort Switch

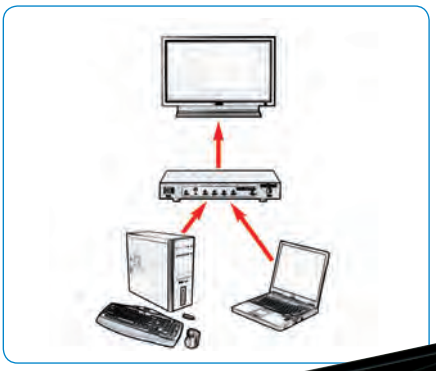
1080p FULL HD

**Allows several HDMI and Display-Port sources to be connected to one HDMI display like e.g. a monitor, TV, projector.**

- Connectors input 2/4-way: 2x HDMI Type A F, 2x DisplayPort F (2 ports, each with 1 HDMI connector and 1 DisplayPort connector, whereof only 1 connector can be used)
- Connector output: 1x HDMI F
- Supports 480p, 720p, 1080i and 1080p resolution, 1920 x 1080 (nominal)
- Selects input source via push button
- LED indication for source selection
- Plug & play, no software required
- HDCP supported
- Contents: Switch, power supply, manual

| Technical Data: | 14.01.3572 | 14.01.3574 |
|---|---|---|
| Input: | 1x HDMI A F/DisplayPort F* | 2x HDMI A F |
| | 1x HDMI A F/DisplayPort F* | 2x DisplayPort F |
| Output: | 1x HDMI | 1x HDMI |
| Max. resolution (nominal): | 1920 x 1080 | 1920 x 1080 |
| Dimensions (WxDxH): | 157 x 65 x 20 m | 157 x 65 x 20 m |
| Power supply: | 5VDC; 2A | 5VDC; 2A |

*) 2 ports, each with 1 HDMI connector and 1 DisplayPort connector, whereof only 1 connector can be used





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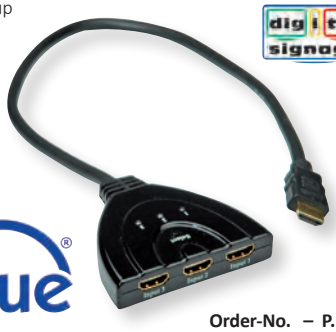
| | Order-No. – P.U. |
|---|---|
| ROLINE HDMI/DisplayPort Switch, 2-way | 14.01.3572 – 6 |
| ROLINE HDMI/DisplayPort Switch, 4-way | 14.01.3574 – 6 |

## VALUE HDMI Switch, Automatic

3D capable | 1080p FULL HD

- Shows the Video output of 3 HDMI devices like e.g. DVD player, video camera or game console on one monitor
- Supports HDMI High Speed
- Video input can be switched automatically or by button on the switch
- Supports nominal resolution of up to 1920 x 1080
- Supports high-resolution display of up to 480p, 576p, 720p, 1080i, 1080p
- Supports uncompressed audio such as LPCM
- Supports compressed audio such as DTS Digital, Dolby Digital (incl. DTS-HD and Dolby True HD)
- No power supply needed
- Colour: Black
- Contents: HDMI switch





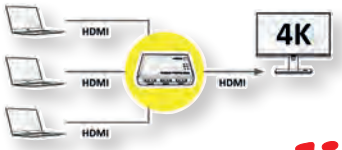
Value®

| | Order-No. – P.U. |
|---|---|
| VALUE HDMI Switch, Automatic, 3-way | 14.99.3565 – 5 |

## ROLINE HDMI Switch, 4K, 3-way

4K | 2160p ULTRA HD

- Shows the Video output of 3 HDMI devices like e.g. DVD player, video camera or game console on one monitor
- Supports HDMI High Speed
- Video input can be switched automatically or by button on the switch
- Supports nominal resolution of up to 3840 x 2160@60Hz
- Supports high-resolution display of up to 480p, 576p, 720p, 1080i, 1080p,
- Supports uncompressed audio such as LPCM
- Supports compressed audio such as DTS Digital, Dolby Digital (including DTS-HD and Dolby True HD)
- Power supply needed (5VDC, 1A)
- Colour: Black
- Contents: HDMI switch






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| | Order-No. – P.U. |
|---|---|
| ROLINE 4K HDMI Switch, 3-way | 14.01.3575 – 5 |

## ROLINE HDMI 4x1 QUAD Multi-Viewer with Seamless Switch

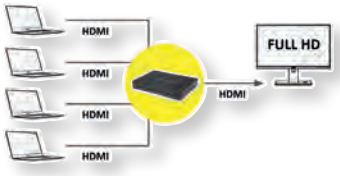
1080p FULL HD

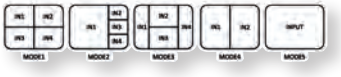
**Displays the video output of up to 4 HDMI sources on a monitor or projector.**

- Application example: A display device (monitor/TV/beamer) is powered by several HDMI sources such as BluRay players, etc. By pressing the button, the desired source can be selected for single display or up to four sources at a time using different display options. Or, if only one source is active at a time, the switch automatically changes to this source.
- Switching between PCs is done via buttons on the switch or via remote control
- Supports 1080p (1920x1080 @60Hz)
- Installation is possible without software- only the HDMI cables have to be connected to the Quad Multi Viewer.
- Flat, black metal housing
- Remote control and IR receiver included
- Power supply 12VDC; 2A included in delivery

**Technical data:**

- Input: 4x HDMI A jack
- Output: 1x HDMI A jack
- Contents: HDMI Switch, main adapter, remote control



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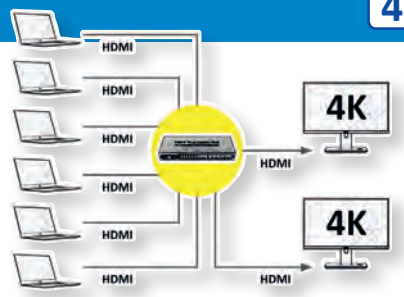




| | Order-No. – P.U. |
|---|---|
| ROLINE HDMI 4x1 QUAD Multi-Viewer with Seamless Switch | 14.01.3569 – 5 |

## VALUE HDMI 4K Matrix Switch, 6 x 2, with Remote Control

4K




**Ideal solution for multiple HDMI distribution use in retail product demonstration, training and public display applications**

- Six HDMI High Speed input signals can be switched to two HDMI High Speed output devices
- Supports Full HD
- Supports 3D
- PIP- Picture-in-Picture functionality- helps for a quickly overwiew of all the other 5 input sources (synchronously)
- Max. resolution (nominal): 3840 x 2160 @30Hz
- Supports 480i, 480p, 720i, 720p,1080i and 1080p
- Supports Blu-ray 24/50/60fps/HD-DVD/xvYCC
- Supported digital audio formats: DTS-HD/ Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3/DSD
- Supports SPDIF digital audio format: Dolby Digital (AC3)/ DTS/ LPCM 2CH
- Input devices can be switched by IR remote control or by push buttons on the switch
- HDMI input signal /output signal can be transmitted over distances of up to 10m (1080p) / 5m (4K@30Hz)
- Contents: HDMI Matrix Switch, power supply, remote control, QIG





| | Order-No. | – P.U. |
|---|---|---|
| VALUE HDMI 4K Matrix Switch, 6 x 2, with Remote Control | 14.99.3579 | – 5 |

## ROLINE HDMI Matrix Switch

2K 3D capable

- Four HDMI High Speed input signals can be switched to two/four HDMI High Speed output devices
- Supports Full HD
- Supports 3D
- Max. resolution (nominal): 1920 x 1080
- Supports 480i, 480p, 720i, 720p,1080i and 1080p
- Supports Blu-ray 24/50/60fs/HD-DVD/xvYCC
- Supported digital audio formats: DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3/ DSD
- Input devices can be switched by IR remote control or by push buttons on the switch
- Contents: Switch, power supply, remote control, manual









| | | Order-No. | – P.U. |
|---|---|---|---|
| ROLINE HDMI Matrix Switch, 4 x 2 (Full HD, 1080P) | A | 14.01.3566 | – 1 |

## ROLINE 4K HDMI Matrix Switch, 4 x 2, with Remote Control

4K 3D capable




- Four HDMI High Speed input signals can be switched to two HDMI High Speed output devices
- Supports Full HD
- Supports 3D
- Max. resolution (nominal): 3840 x 2160
- Supports 480i, 480p, 720i, 720p,1080i and 1080p, 2160p
- Supports Blu-ray 24/50/60fs/HD-DVD/xvYCC
- Supported digital audio formats: DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3/DSD
- Input devices can be switched by IR remote control or by push buttons on the switch
- Contents: HDMI Matrix Switch, power supply, remote control, QIG





| | Order-No. | – P.U. |
|---|---|---|
| ROLINE 4K HDMI Matrix Switch, 4 x 2, with Remote Control | 14.01.3578 | – 5 |

## ROLINE Display Adapter, Virtual HDMI Emulator (EDID), 4K

4K

- Works with any graphics card that has HDMI output and acts exactly the same as real LCD monitor
- Up to 4K resolution can be simulated, 3840x2160@60Hz
- Compliant with HDCP
- Compact design, small size
- Plug & Play
- Hot Plug
- No drivers, no configuration needed



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| | Order-No. – P.U. |
|---|---|
| ROLINE Display Adapter, Virtual HDMI Emulator (EDID), 4K | 14.01.3416 – 30 |

## VALUE Display Port Splitter (Hub), 2 Ports

4K

- Offers solutions for digital entertainment center, conference room presentation, school and corporate training environments...
- This is a two ports DisplayPort hub, designed for transmitting signals from one DisplayPort source device to two DisplayPort displays
- This hub owns both SST and MST functions- which allow you to enjoy one picture with dual monitors or independent pictures on each monitor respectively
- Connected to earlier revisions of DisplayPort, the hub can act as a video splitter
- Support DisplayPort 1.2
- Max. resolution up to 4K@30Hz (3840x2160)
- HDCP 1.3 compliant
- EDID 1.4 compliant
- Power supply included in delivery (5 VDC, 2A)
- Contents: splitter, manual, power supply






Value®

| | Order-No. – P.U. |
|---|---|
| VALUE Display Port Splitter (Hub), 2 Ports | 14.99.3590 – 5 |

## ROLINE HDMI/VGA/DP to HDMI Switch / Converter

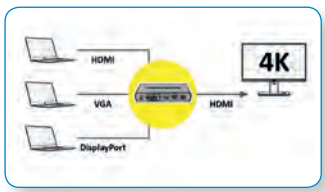
4K

- High performance video adapter, which supports three types of input sources (HDMI / DP / VGA) and one HDMI output
- Ideal for multimedia applications
- Support maximum resolution up to 4K (HDMI or DP 3840x2160 @60Hz) and up to 1080p (VGA)
- Easy to install and simple to use
- Source selection by- auto detect / IR remote / Select button on the front panel
- LED Status
- Power adapter (5VDC, 1A)










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| | Order-No. – P.U. |
|---|---|
| ROLINE HDMI/VGA/DP to HDMI Switch / Converter | 14.01.3568 – 5 |

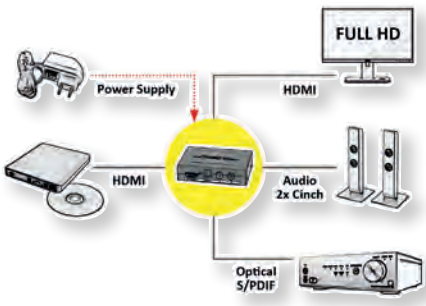
## VALUE HDMI Full HD Audio Extractor

1080p FULL HD

The VALUE HDMI Full HD Audio Extractor allows to uncouple audio signals from the HDMI signal. For a better home cinema feeling you can redirect the extracted audio signals via S/PDIF (optical) or analog via 3.5mm ports on a speaker system.

- Supports HDMI, HDCP 1.2
- Audio-rate (sampling frequency for S/PDIF as HDMI) to 192kHz
- Supports high bit-rate audio
- Supports video resolution up Full HD and 3D
- Power supply (5 V DC, 1 A) included
- Contents: extractor, power adapter, user manual





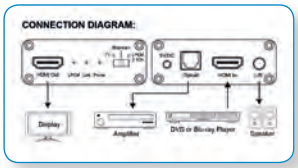


Value®

| | Order-No. – P.U. |
|---|---|
| VALUE HDMI Full HD Audio Extractor | 14.99.3442 – 5 |

## ROLINE HDMI 4K Audio Extractor LPCM 2.1 4K

**The ROLINE HDMI 4K2K Audio Extractor allows you to decouple audio signals from the HDMI signal.**
Not all monitors have good speakers. With the extractor you can redirect the audio signals via S/PDIF (optical) or analog via 3.5mm ports on a speaker system, the pure image signal goes to the screen.
- Supports HDMI, HDCP 1.2
- Audio-rate (sampling frequency for S/PDIF as HDMI) to 192kHz
- Supports high bit-rate audio
- Supports video resolution up 4K and 3D
- HBR audio supported
- Supports CEC bypass
- Supports up to 4 x 3.5 mm phone jacks for analog multi-channel audio outputs
- Power supply (5V DC, 3A) included
- Contents: extractor, power adapter, user manual



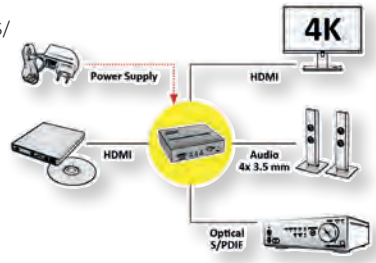



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| | Order-No. – P.U. |
|---|---|
| ROLINE HDMI 4K Audio Extractor LPCM 2.1 | 14.01.3443 – 20 |

## ROLINE HDMI 4K Audio Extractor LPCM 7.1 4K

The ROLINE HDMI 4K2K Audio Extractor allows to uncouple audio signals from the HDMI signal.
Not all monitors have good speakers. With the extractor you can redirect the audio signals via S/PDIF (optical) or analog via 3.5mm ports on a speaker system, the pure image signal goes to the screen.
- Supports HDMI, HDCP 1.2
- Audio-rate (sampling frequency for S/PDIF as HDMI) to 192kHz
- Supports high bit-rate audio
- Supports video resolution up 4K2K and 3D
- HBR audio supported
- Supports CEC bypass
- Supports up to 4 x 3.5 mm phone jacks for analog multi-channel audio outputs
- Power supply (5 V DC, 2 A) included
- Contents: extractor, power adapter, user manual




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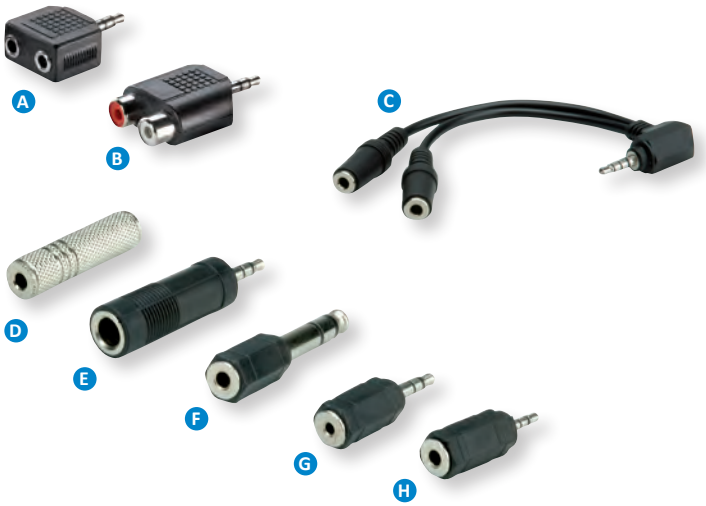
| | Order-No. – P.U. |
|---|---|
| ROLINE HDMI 4K Audio Extractor LPCM 7.1 | 14.01.3442 – 10 |

## VALUE / ROLINE Audio Adapters

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Value®

| | | Order-No. – P.U. |
|---|---|---|
| VALUE 3.5mm Adapter, 1x 3.5mm M to 2x 3.5mm F | A | 11.99.4440 – 100 |
| VALUE 3.5mm Adapter, 1x 3.5mm M to 2x RCA F | B | 11.99.4441 – 100 |
| ROLINE 4 Conductor 3.5 mm Stereo Plug (speaker+microphone), 15 cm | C | 11.09.4441 – 20 |
| ROLINE 3.5 mm Stereo Coupler, F/F | D | 11.09.4442 – 10 |
| ROLINE Stereo Adapter 3.5 mm Male - 6.35 mm Female | E | 11.09.4443 – 10 |
| ROLINE Stereo Adapter 6.35 mm Male - 3.5 mm Female | F | 11.09.4444 – 10 |
| ROLINE Stereo Adapter 3.5 mm Male - 2.5 mm Female | G | 11.09.4445 – 10 |
| ROLINE Stereo Adapter 2.5 mm Male - 3.5 mm Female | H | 11.09.4446 – 10 |




- Audio Y-cable for connection of a speaker/headphone with volume control
- Connectors:
  - 1x 3.5 mm stereo plug M, 3-pole, for connection to a speaker output, eg on the PC or iPod
  - 2x 3.5 mm jack, 3-pole, for connecting speakers or headphones
- Volume control for both lines, separately adjustable for each output line
- Length: 30 cm



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| | Order-No. – P.U. |
|---|---|
| ROLINE Y Audio Cable with 3.5 mm Stereo Plug (2x speaker lines) | 11.09.4439 – 25 |

## VALUE Audio Converter Digital to Analogue

Connects a LCD TV, CD/DVD player or set-top box with digital output to an analogue amplifier with stereo input.
- Converts digital audio signals from Toslink (optical) or RCA (coaxial) to analogue Stereo 2x RCA
- Supports up to 24bit/96kHz
- Power supply included
- Contents: Audio converter, power supply, manual




Value®

| | Order-No. – P.U. |
|---|---|
| VALUE Audio Converter - Digital to Analogue | 14.99.3441 – 6 |

## ROLINE Audio Converter Digital to Analogue

Connects a LCD TV, CD/DVD player or set-top box with digital output to an analogue amplifier with stereo input.
- Converts digital audio signals from Toslink (optical) or RCA (coaxial) to analogue Stereo 2x RCA
- Supports up to 24bit/192kHz
- Power supply included
- Contents: Audio converter, power supply, manual




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| | Order-No. – P.U. |
|---|---|
| ROLINE Audio Converter Digital to Analogue | 14.01.3441 – 5 |

## VALUE Headset

- Ideal device for multimedia applications and video conferencing
- With integrated microphone (not 15.99.1316)
- With volume control on the cable
- Connection to PC over 3.5 mm stereo plug
- Cable length: ca. 1.8 m



| | Order-No. | P.U. |
|---|---|---|
| VALUE Stereo Headphone with Volume Control, light grey | 15.99.1316 | 50 |

## LIFEVIEW Video Editor USB DeLuxe

- Create your home video library
- Real-time Mpeg 4/2/1 encoding
- Burn edited files onto DVD, VCD, SVCD etc.
- Capture video source from VHS, V8 etc.
- Burn your own DVD and VCD
- Connectors: USB to S-Video, Composite Video, Audio (R), Audio (L)
- Supported Operating Systems: Windows XP/Vista/7
- Contents: Video Editor USB, installation CD, quick installation guide




| | Order-No. | P.U. |
|---|---|---|
| LIFEVIEW Video Editor USB DeLuxe | 15.08.1594 | 1 |

## VALUE A/V Modules

**Multimedia connection system: computer, video, audio, control or network connections can be easily integrated with the modular multimedia connection system in switch programs. With the unsightly, lying around or hanging cables is now finally concluded. The system is cost-effective and future-proof as it can be expanded at any time to new interfaces.**

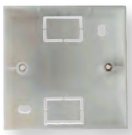
**25.99.8200 - VALUE A/V Faceplate, 86x86mm**
- Triple gang, 86mm x 86mm
- White plastic triple gang frame
- Triple 44 x 66 mm wide aperture for 3 x 22mm modules
- Color: White

A



**25.99.8201 - VALUE A/V Wall Cup, 86x86mm**
- Flush wall mounted back boxes for AV wall plates
- The boxes are designed to be quickly fitted into partitioned walls (horizontally or vertically)
- Cable access points and standard fixing centres for face plates
- This AV back box is 42mm deep to allow most AV wall plates to fit
- Wall cup, 86mm x 86mm x 42mm
- Color: White

B



**25.99.8202 - VALUE A/V Module (2xAudio, 1x Video)**
- Ideal for home offices, conference rooms, classrooms, board rooms
- Plug-in installation on both sides of the plate, no soldering necessary
- Plus three phono connections for composite video plus audio
- Connection: RCA Composite Video Audio Male Jacks
- Color: White

C



**25.99.8203 - VALUE A/V Module (HDMI F adapter,angled)**
- Ideal for home offices, conference rooms, classrooms, board rooms
- Wall plate HDMI socket
- For use with HDMI cables
- This convenient wall plate has a female connector on the front and in back for easy installation
- The rear socket is aligned such that a side entry HDMI cable should pass through one of the side knock-outs in a wall cup (25.99.8201)

D



**REMARK:** Depending on the used plug size some modification may be necessary, no additional possibility for using another A/V module type in the same wall cup

**25.99.8204 - VALUE A/V Module (USB 2.0 Type A)**
- Ideal for home offices, conference rooms, classrooms, board Mount an external USB port quickly and easily with our USB face plates
- Easy to install
- Compliant USB 2.0
- Color: White
- 1 x USB-A Female

E



**25.99.8205 - VALUE A/V Module - Blind plate**
- Protects your wall mount from dust
- Easy to install and remove
- Color: White

F



**25.99.8206 - VALUE Cable Exit Brush Wall Plate, 86x86mm**
- Soft, densely packed Nylon bristles protect cable jackets from damage and prevent cables from falling behind the wall
- This single gang wall plate with brush bristles allows the cables running behind your walls to exit the wall and connect to your devices for neat professional look
- The aperture is large enough for VGA, HDMI, DVI, DisplayPort, Cat5e/6 and other types of cables

G



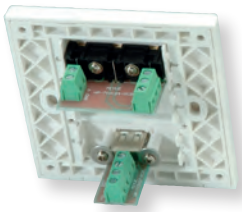


A + B + D + E + F





A + C + E + F



| | | Order-No. | P.U. |
|---|---|---|---|
| VALUE A/V Faceplate, 86x86mm, white | A | 25.99.8200 | 20 |
| VALUE A/V Wall Cup, 86x86mm, white | B | 25.99.8201 | 5 |
| VALUE A/V Module (2xAudio, 1x Video) | C | 25.99.8202 | 20 |
| VALUE A/V Module (HDMI F adapter,angled) | D | 25.99.8203 | 20 |
| VALUE A/V Module (USB 2.0 Type A) | E | 25.99.8204 | 20 |
| VALUE A/V Module - Blind plate | F | 25.99.8205 | 20 |
| VALUE Cable Exit Brush Wall Plate, 86x86mm | G | 25.99.8206 | 10 |




# UPS Systems / Power Distribution

7

Line-Interactive UPS . . . . . 7.02 – 7.03
Online UPS . . . . . 7.03
Power Strips . . . . . 7.04, 7.05
USB Wall Mount Chargers . . . . . 7.05 – 7.06
USB Car Chargers . . . . . 7.07
Universal Power Adapters . . . . . 7.07
Wireless Charging . . . . . 7.08, 7.09
USB Power Stations . . . . . 7.09, 7.10
IP Power Strip / Remote Switch . . . . . 7.10
PDU for Cabinets . . . . . 7.11
Power Cords . . . . . 7.12 – 7.14
Power Extension Cables . . . . . 7.15 – 7.16

## VALUE UPS, Line-Interactive, USB Port




**Quality Protection for Small Servers, Workstation & PC**
- Line interactive design
- Boost and buck AVR (Auto voltage regulation)
- Fully digitized microprocessor controlled
- Energy saving function (UPS green mode)
- 50/60Hz frequency auto sensing and selection
- Cold start function (DC power on)
- Lightning and surge protection
- Short circuit and overload protection
- Advanced battery management (ABM technology)
- Tel/Modem internet surge suppression
- Smart USB communication port
- Automatically charging when UPS off
- History record of power failure events
- Back up, on-line, battery status, power status display by software
- Schedule shutdown & reboot
- Windows 98/Me/NT/2000/XP/2003/7/8/10
- Contents: UPS, Software, Cable-Set

| Description | Output (VA/W) | Backup time | Dimensions (HxWxD) | Weight | Internal cooling | Order-No. | – P.U. |
|---|---|---|---|---|---|---|---|
| VALUE UPS, Line-Interactive, 400VA, USB Port | 400 / 240 | 4 min | 135 x 97 x 320 mm | 4.5 kg | Passive | 19.99.3424 | – 1 |
| VALUE UPS, Line-Interactive, 600VA, USB Port | 600 / 420 | 4 min | 135 x 97 x 320 mm | 4.5 kg | Passive | 19.99.3426 | – 1 |
| VALUE UPS, Line-Interactive, 800VA, USB Port | 800 / 480 | 3 min | 135 x 97 x 320 mm | 6.5 kg | Passive | 19.99.3428 | – 1 |
| VALUE UPS, Line-Interactive, 1200VA, USB Port | 1200 / 720 | 3 min | 192 x 382 x 130 mm | 14 kg | Passive | 19.99.3430 | – 1 |

## Special Battery for UPS Systems



- Maintenance free spare battery for all actual and former UPS models
- Spare battery for e.g. ROLINE, APC, EATON, VALUE, Fujitsu, Effekta, POWERWARE, AEG, FISKARS, BESTPOWER and others
- Contents: Battery

| Description | Dimensions (HxWxD) | Weight | Order-No. | – P.U. |
|---|---|---|---|---|
| Special Battery for UPS 12V 7Ah | 100x65x155 mm | 2.6 kg | 19.49.1207 | – 1 |
| Special Battery for UPS 12V 9Ah | 100x65x155 mm | 3 kg | 19.49.1209 | – 1 |
| Special Battery for UPS 12V 12Ah | 100x100x155 mm | 3.9 kg | 19.49.1212 | – 1 |
| Special Battery for UPS 12V 17Ah | 167x76x181 mm | 5.8 kg | 19.49.1217 | – 1 |
| Special Battery for UPS 12V 5Ah | 107x70x90 mm | 1.8 kg | 19.49.1205 | – 1 |

## ROLINE LineSecure / LineSecure II – Line Interactive UPS

**LineSecure UPS's work with the „buck & boost" line interactive technology; used when reliable protection against strong voltage fluctuations is essential. Protect against: power failure, power sag, power surge, under voltage, over voltage.**




Product features:
- Compact, quiet, user-friendly
- Desktop and 19" RM models
- Short circuit and overload protection
- AVR (Automatic Voltage Regulation)
- ABM (Automatic Battery Management) increases battery life up to 50%
- Telephone/Modem connections
- Shutdown software including License for 1 server
- Serial Port for advanced Power Management Software (incl. in content of delivery)
- UPS Management Software : Windows NT/ 2k / XP / 7 / 8 / 10 / Server 2003 / 2008 / 2012 x86/x64, MAC OS X (Intel) 10.6.x, 10.7.x, 10.8.x Mountain Lion, 10.9.x MavericksMAC OS
- Contents: UPS, Software, Cable Set

| Description | Output (VA/W) | Backup time | Dimensions (HxWxD) | Weight | Internal cooling | Order-No. | – P.U. |
|---|---|---|---|---|---|---|---|
| ROLINE LineSecure1000 | 1000 / 700 | 3 min | 210 x 140 x 436 mm | 15 kg | Active, fan | 19.40.1110 | – 1 |
| ROLINE LineSecure1500 | 1500 /960 | 3 min | 226 x 170 x 450 mm | 6.9 kg | Active, fan | 19.40.1115 | – 1 |
| ROLINE LineSecure 1000R | 1000 / 670 | 3 min | 84 x 483 x 430 mm | 20 kg | Active, fan | 19.40.1111 | – 1 |
| ROLINE LineSecure 1500R | 1500 / 960 | 3 min | 130 x 483 x 381 mm | 25 kg | Active, fan | 19.40.1116 | – 1 |
| ROLINE LineSecure II 1000 | 1000 / 700 | 3 min | 210 x 140 x 436 mm | 15 kg | Active, fan | 19.40.1112 | – 1 |
| ROLINE LineSecure II 1500 | 1500 /960 | 3 min | 226 x 170 x 450 mm | 6.9 kg | Active, fan | 19.40.1117 | – 1 |
| ROLINE LineSecure II 2000 | 2000 /1300 | 3 min | 226 x 170 x 450 mm | 30 kg | Active, fan | 19.40.1120 | – 1 |
| ROLINE LineSecure II 1000R | 1000 / 670 | 3 min | 84 x 483 x 430 mm | 20 kg | Active, fan | 19.40.1113 | – 1 |
| ROLINE LineSecure II 1500R | 1500 / 960 | 3 min | 130 x 483 x 381 mm | 25 kg | Active, fan | 19.40.1119 | – 1 |
| ROLINE LineSecure II 2000R | 2000 / 1300 | 3 min | 130 x 483 x 381 mm | 29 kg | Active, fan | 19.40.1121 | – 1 |
| ROLINE UPS 19'' Rail Kit 2/3U 58-90 cm | | | 58-90 cm, 2 UH | 0.4 kg | | 19.40.2177 | – 1 |

## ROLINE DesignSecure – Line Interactive UPS

- Compact designed UPS in futuristic design
- For Workstations and PCs
- LineInteractive UPS
- AVR (Automatic Voltage Regulation)
- Digital status display
- Integrated overvoltage protection
- Telephone/Modem connections
- USB Port for advanced Power Management Software (incl, in content of delivery)
- EMI/RFI Noise Filter
- Dimensions (HxLxW) 168 x 105 x 334 mm
- Backup Time: up to 4 Minutes
- Contents: UPS, Software, Cable Set

**Technical data:**
Input:
Voltage: 230 V +/- 25%
Frequency: 50 Hz +/- 10% (automatic detection)
Breaker or protection for overload and short cirquit
Automatic UPS shut down in case of overload
Output (battery mode):
Voltage: simulated sinus at 230 V +/- 5%
Frequency: 50 Hz +/-1Hz
Cirquit time: 2/4 milliseconds reaction time
Voltage regulation (AVR): 9% - 25% to nominal voltage
Telephone protection
Short cirquit protection



| Description | Output (VA/W) | Backup time | Dimensions (HxWxD) | Weight | Internal cooling | Order-No. – P.U. |
|---|---|---|---|---|---|---|
| ROLINE DesignSecure 525 | 525/315 | 3 min | 168 x 105 x 334 mm | 5.8 kg | Passive | 19.40.1205 – 1 |
| ROLINE DesignSecure 625 | 625/375 | 3 min | 168 x 105 x 334 mm | 6.4 kg | Passive | 19.40.1206 – 1 |
| ROLINE DesignSecure 825 | 825/495 | 2 min | 168 x 105 x 334 mm | 6.3 kg | Passive | 19.40.1208 – 1 |
| ROLINE DesignSecure 1200 | 1200/720 | 3 min | 168 x 105 x 334 mm | 14 kg | Passive | 19.40.1212 – 1 |
| ROLINE DesignSecure 2000 | 2000 / 1200 | 2 min | 192 x 130 x 382 mm | 16 kg | Passive | 19.40.1220 – 1 |

## ROLINE ProSecure II / III – Online UPS

**The ROLINE ProSecure Series - for optimum power protection is a truly state of the art online double conversion UPS, ideal for all essential computer systems and servers. Protects against: power failure, power sag, power surge, under voltage, over voltage, switch transient, line noise, frequency variation, harmonic distortion.**



Product features:
- Cold start function (DC power on)
- Lightning and surge protection
- Battery replacement warning
- Emergency Power Off function
- Battery remain time display
- LCD display front panel
- Power factor correction
- Support USB communication
- Multiple language LCD display
- On line output voltage selected
- Hot swappable battery by user
- True on-line technology provides all power protection
- Pure sine-wave output with less than 3% THD
- Fully digitized microprocessor controlled
- Short Circuit and overload protection
- Advanced management (ABM)

- Automatic battery charge in UPS off mode
- Automatic diagnostics & battery check
- RS-232 communication port with monitoring software
- Network/fax/modem surge protection
- Extended back up time with battery pack
- Load segmentation receptacles controllable
- High efficiency mode selectable
- Fan speed auto control when loads varies
- UPS Management Software:
  Windows NT/ 2k / XP / 7 / 8 / 10 / Server 2003 / 2008 / 2012 x86/x64, MAC OS X (Intel) 10.6.x, 10.7.x, 10.8.x Mountain Lion, 10.9.x MavericksMAC OS
- Contents: UPS, Software, Cable Set



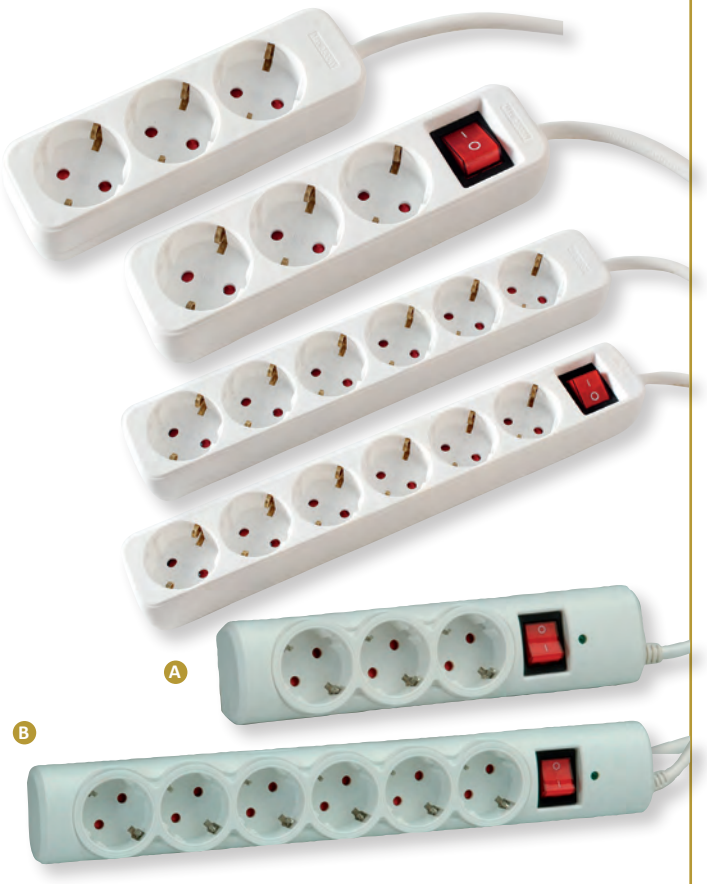



**Technical data:**
Input:
Input voltage range: 160 VAC - 276 VAC
Frequency: 50 Hz
Input power factor: 0.97
Freq. window from mains: 45 - 65 Hz
Synchronization window: ± 3 Hz
Output:
Output voltage: 208/220/230/240 VAC, selectable from LCD panel
Voltage regulation: ± 2%
Voltage distortion: < 5% THD at full non-linear load, < 3% THD at full linear load
Overload capacity: 100 - 125% 1 min., 125 - 150% 10 sec
Efficiency: greater than 86%

| Description | Output (VA/W) | Backup time | Dimensions (HxWxD) | Weight | Internal cooling | Order-No. – P.U. |
|---|---|---|---|---|---|---|
| ROLINE ProSecure II 700 - Online UPS | 700 / 490 | 5 min | 235 x 155 x 410 mm | 15 kg | Active, fan | 19.40.1081 – 1 |
| ROLINE ProSecure II 1000 - Online UPS | 1000 / 700 | 6 min | 235 x 155 x 410 mm | 16 kg | Active, fan | 19.40.1082 – 1 |
| ROLINE ProSecure II 1500 - Online UPS | 1500 / 1050 | 5 min | 235 x 155 x 410 mm | 20 kg | Active, fan | 19.40.1083 – 1 |
| ROLINE ProSecure II 2000 - Online UPS | 2000 /1400 | 6 min | 365 x 216 x 405 mm | 31 kg | Active, fan | 19.40.1084 – 1 |
| ROLINE ProSecure II 3000 - Online UPS | 3000 / 2100 | 5 min | 365 x 216 x405 mm | 37 kg | Active, fan | 19.40.1085 – 1 |
| ROLINE ProSecure II 700 RM1U - Online UPS, 19“ Rack Version | 700 /490 | 4 min | 44 x 428 x 610 mm; 1 UH | 16 kg | Active, fan | 19.40.1086 – 1 |
| ROLINE ProSecure II 1000 RM1U - Online UPS, 19“ Rack Version | 1000 / 700 | 2 min | 44 x 428 x 610 mm; 1 UH | 16 kg | Active, fan | 19.40.1087 – 1 |
| ROLINE ProSecure II 700 RM2U - Online UPS, 19“ Rack Version | 700 / 490 | 6 min | 88 x 428 x 425 mm; 2 UH | 16 kg | Active, fan | 19.40.1088 – 1 |
| ROLINE ProSecure II 1000 RM2U - Online UPS, 19“ Rack Version | 1000 / 700 | 5 min | 88 x 428 x 425 mm; 2 UH | 17 kg | Active, fan | 19.40.1089 – 1 |
| ROLINE ProSecure II 1500 RM2U - Online UPS, 19“ Rack Version | 1500 / 1050 | 5 min | 88 x 428 x 425 mm; 2 UH | 18 kg | Active, fan | 19.40.1090 – 1 |
| ROLINE ProSecure II 2000 RM2U - Online UPS, 19“ Rack Version | 2000 / 1400 | 6 min | 88 x 428 x 610 mm; 2 UH | 32 kg | Active, fan | 19.40.1091 – 1 |
| ROLINE ProSecure II 3000 RM2U - Online UPS, 19“ Rack version | 3000 / 2100 | 5 min | 88 x 428 x 610 mm; 2 UH | 32 kg | Active, fan | 19.40.1092 – 1 |
| ROLINE ProSecure III 1000 - Online UPS | 1000 / 900 | 3 min | 238 x 152 x 420 mm | 14 kg | Active, fan | 19.40.1062 – 1 |
| ROLINE ProSecure III 1500 - Online UPS | 1500 / 1350 | 5 min | 235 x 155 x 410 mm | 20 kg | Active, fan | 19.40.1063 – 1 |
| ROLINE ProSecure III 2000 - Online UPS | 2000 /1800 | 3 min | 358 x 225 x 420 mm | 31 kg | Active, fan | 19.40.1064 – 1 |
| ROLINE ProSecure III 3000 - Online UPS | 3000 / 2700 | 5 min | 365 x 216 x405 mm | 37 kg | Active, fan | 19.40.1065 – 1 |
| ROLINE ProSecure III 1000 RM2U - Online UPS, 19“ Rack Version, black | 1000 / 900 @ Pf. 0,9 | 3 min | 88 x 428 x 425 mm; 2 UH | 17 kg | Active, fan | 19.40.1069 – 1 |
| ROLINE ProSecure III 1500 RM2U - Online UPS, 19“ Rack Version, black | 1500 / 1350 @ Pf. 0,9 | 3 min | 88 x 428 x 425 mm; 2 UH | 18 kg | Active, fan | 19.40.1070 – 1 |
| ROLINE ProSecure III 2000 RM2U - Online UPS, 19“ Rack Version, black | 2000 / 1800 @ Pf. 0,9 | 3 min | 88 x 428 x 610 mm; 2 UH | 32 kg | Active, fan | 19.40.1071 – 1 |
| ROLINE ProSecure III 3000 RM2U - Online UPS, 19“ Rack Version, black | 3000 / 2700 @ Pf. 0,9 | 3 min | 88 x 428 x 610 mm; 2 UH | 33 kg | Active, fan | 19.40.1072 – 1 |

## VALUE / ROLINE Power Strips

- 3/6-way power strip with plastic housing
- With or without switch
- Sockets are 45° rotated
- Colour: white / black




| | | Order-No. | P.U. |
|---|---|---|---|
| VALUE Power Strip, 3-way, white, 1.5 m | | 19.99.1072 | 20 |
| VALUE Power Strip, 3-way, white, 3.0 m | | 19.99.1073 | 10 |
| VALUE Power Strip, 3-way, with Switch, white, 1.5 m | | 19.99.1076 | 20 |
| VALUE Power Strip, 3-way, with Switch, white, 3.0 m | | 19.99.1077 | 10 |
| VALUE Power Strip, 3-way, with Switch, white, 6.0 m | | 19.99.1078 | 10 |
| VALUE Power Strip, 3-way, with Switch, white, 10.0 m | | 19.99.1079 | 10 |
| VALUE Power Strip, 6-way, white, 1.5 m | | 19.99.1080 | 20 |
| VALUE Power Strip, 6-way, white, 3.0 m | | 19.99.1081 | 10 |
| VALUE Power Strip, 6-way, with Switch, white, 1.5 m | | 19.99.1084 | 20 |
| VALUE Power Strip, 6-way, with Switch, white, 3.0 m | | 19.99.1085 | 10 |
| VALUE Power Strip, 6-way, with Switch, white, 6.0 m | | 19.99.1086 | 10 |
| VALUE Power Strip, 6-way, with Switch, white, 10.0 m | | 19.99.1087 | 10 |
| VALUE Power Strip, 3-way UTE, white, 3 m | | 19.99.1048 | 1 |
| VALUE Power Strip, 6-way UTE, white, 3 m | | 19.99.1049 | 1 |
| VALUE Power Strip, 3-way, with Switch, Surge Protection, white | A | 19.99.1070 | 20 |
| VALUE Power Strip, 6-way, with Switch, Surge Protection, white | B | 19.99.1071 | 20 |



| | Order-No. | P.U. |
|---|---|---|
| ROLINE Power Strip, 3-way, black, 1.5 m | 19.07.1066 | 20 |
| ROLINE Power Strip, 3-way, black, 3 m | 19.07.1067 | 10 |
| ROLINE Power Strip, 3-way, with Switch, black, 1.5 m | 19.07.1068 | 20 |
| ROLINE Power Strip, 3-way, with Switch, black, 3 m | 19.07.1069 | 10 |
| ROLINE Power Strip, 3-way, with Switch, black, 6 m | 19.07.1070 | 10 |
| ROLINE Power Strip, 3-way, with Switch, black, 10 m | 19.07.1071 | 10 |
| ROLINE Power Strip, 6-way, black, 1.5 m | 19.07.1072 | 20 |
| ROLINE Power Strip, 6-way, black, 3 m | 19.07.1073 | 10 |
| ROLINE Power Strip, 6-way, with Switch, black, 1.5 m | 19.07.1074 | 20 |
| ROLINE Power Strip, 6-way, with Switch, black, 3 m | 19.07.1075 | 10 |
| ROLINE Power Strip, 6-way, with Switch, black, 6 m | 19.07.1076 | 10 |
| ROLINE Power Strip, 6-way, with Switch, black, 10 m | 19.07.1077 | 10 |

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## VALUE Power Strip, 3/5-way, with Switch, 2x USB

**3/5-way power strip with off/on switch and two separate USB ports for charging devices such as smartphones or tablets.**

- Plastic housing
- Sockets are 45° rotated
- With illuminated 2-pole rocker switch
- **2x USB, 5VDC, 2.1A**
- Colour: white




| | | Order-No. | P.U. |
|---|---|---|---|
| VALUE Power Strip, 3-way, with Switch, 2x USB, white, 1.5 m | A | 19.99.1035 | 20 |
| VALUE Power Strip, 5-way, with Switch, 2x USB, white, 1.5 m | B | 19.99.1036 | 20 |

## VALUE Power Strip, 6-way UTE, with Switch

- 6-way power strip with plastic housing
- Sockets are 45° rotated
- With illuminated 2-pole rocker switch
- Colour: white



| | Order-No. | P.U. |
|---|---|---|
| VALUE Power Strip, 6-way UTE, with Switch, white, 1.5 m | 19.99.1030 | 1 |

## ROLINE Power Strip

- 6 AC outlets, rotated 45°
- 5 standard sockets plus 1 „block space“ socket
- 10 A resettable circuit breaker
- 1-pole rocker switch, lighted
- Max. load 10 A 230 V
- Power cord 1.8 m length, with right angle power plug




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| | Order-No. – P.U. |
|---|---|
| ROLINE Power Strip, 6-way | 19.07.1601 – 20 |
| ROLINE Power Strip, 6-way, Surge Protection | 19.07.1606 – 20 |

## VALUE Clamp-On Power Strip Holder

- Suitable next to desktops, multimedia systems, etc.
- For an organized desktop/office
- Clamp-On power strip holder
- Clamps onto surfaces up to 50 mm thickness
- Width adjustment range of the kept devices: min. 50mm- max. 70mm
- Silicone pads prevent the mounted device from scratching and accidental dropping (e.g. secure hold of power strip...)
- Cable management




| | Order-No. – P.U. |
|---|---|
| VALUE Clamp-On Power Strip Holder, white | 19.99.3230 – 10 |

## VALUE USB Wall Chargers

**For powering a smartphone/tablet, external SSD/HDD or other devices**

- For charging or as a power supply from a device via its USB input
- Perfect supplement for your Wireless Charger, as the scope of delivery often does not include plug-in power supplies
- Suitable, for example, for smartphone/tablet, external SSD/HDD enclosures and other devices
- Charger with one USB Type A socket
- Matt black PVC housing and Euro flat plug

Technical data
- Plug-in power supply
- Input voltage: 100- 240V AC, 50- 60Hz

A



B



C



D



| Technical data: | 19.99.1038 | 19.99.1090 | 19.99.1064 | 19.99.1091 |
|---|---|---|---|---|
| Input: | 100 - 240 VAC | 100 - 240 VAC | 100 - 240 VAC | 100 - 240 VAC |
| Output: | 1x USB A F | 1x USB A F | 2x USB A F | 1x USB A F<br>1x USB C |
| | 5V 2.4A | 3.6V-6.5V/3A, 6.5V-9V/2A, 9V-12V/1.5A (max. 18 W) | 5V / 2A | 3.6V-6.5V/3A, 6.5V-9V/2A, 9V-12V/1.5A (max. 18 W)<br>5V / 3A |
| Power (max.): | 10W | 18W | 10W | 33W |
| Dimensions: | 50 x 28 x 48 mm | 64 x 27 x 88 mm | 46 x 28 x 85 mm | 50.5 x 29 x 71 mm |
| Additional features | | QC 3.0 (Quick Charge) | | QC 3.0 (Quick Charge)<br>Power Delivery |

| | | Order-No. – P.U. |
|---|---|---|
| VALUE USB Wall Charger, 1-Port, 10W | A | 19.99.1038 – 20 |
| VALUE USB Wall Charger, 1-Port, QC3.0, 18W | B | 19.99.1090 – 10 |
| VALUE USB Wall Charger, 2-Ports, 10W | C | 19.99.1064 – 20 |
| VALUE USB Wall Charger, 2-Ports (1x QC3.0, 1x USB C), 33W | D | 19.99.1091 – 10 |

## ROLINE USB Wall Chargers

**For charging or powering a device via its USB input.**

- For charging of mobile devices (tablets / smartphones)
- Quick Charge 3.0 supported (19.11.1019 / 19.11.1024 QC3.0)
- Multi-Protection: Over Current / Short Circuit / Over Voltage Protection
- Compact Design
- PowerIQ technology- identifies what kind of device is plugged into and delivers the proper voltage/amperage
- Input: 100- 240 V AC, 50- 60 Hz

| **Technical data:** | **19.11.1023** | **19.11.1018** | **19.11.1029** | **19.11.1019** |
|---|---|---|---|---|
| Input: | 100 - 240 VAC | 100 - 240 VAC | 100 - 240 VAC | 100 - 240 VAC |
| Output: | 1x USB C F | 2x USB A F (5V; 2.4A) | 1x USB C | 1x USB A F |
| | 3.3-5.9V/3A, 3.3-11V/2A; 5V/3A, 9V/2A, 12V/1.5A | 5V/2,4A - 3A, 9V-3A, 12V/3A, 15V/3A, 20V/3A, 20,3V/3A | 5V-3A, 9V-3A, 15V-3A, 20V-3.5A (max. 65 W) | (3.6-6.5V/3A; 6.5V-9V/2A; 9-12V/1.5A) |
| Power (max.): | 18W | 61W | 65W | 18W |
| Dimensions: | 37 x 24 x 82 mm | 55 x 29 x 88 mm | 55 x 29 x 88 mm | 40 x 30 x 53 mm |
| Additional features | QC 4.0 (Quick Charge) | QC 3.0 (Quick Charge) | Power Delivery | QC 3.0 (Quick Charge) |

| **Technical data:** | **19.11.1024** | **19.11.1026** | **19.11.1032** | **19.11.1033** |
|---|---|---|---|---|
| Input: | 100 - 240 VAC | 100 - 240 VAC | 100 - 240 VAC | 100 - 240 VAC |
| Output: | 1x USB A C | 2x USB A F (5V; 2.4A) | 1x USB A F | 3x USB A F |
| | 3.6V-6.5V/3A,6.5V-9V/2A, 9V-12V/2A (max. 24 W) | | 1x USB C 3.6V-6.5V/3A,6.5V-9V/2A, 9V-12V/2A (max. 24 W) 5V 3A / 9V 3A / 15V 2A / 20V 1.5A | 3.6V-6.5V/3A,6.5V-9V/2A, 9V-12V/2A (max. 24 W) 5V 2.4A |
| Power (max.): | 24W | 5VDC; 4.8A | 49.5W | 36W |
| Dimensions: | 55 x 29 x 88 mm | 64 x 27 x 88 mm | 63.6 x 62.2 x 28.5mm | 63.6 x 62.2 x 28.5mm |
| Additional features | QC 3.0 (Quick Charge) | | QC 3.0 (Quick Charge) Power Delivery | QC 3.0 (Quick Charge) |




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| | | Order-No. | – P.U. |
|---|---|---|---|
| ROLINE Power Wall Charger, 1x Type C, QC4.0, 18W | A | 19.11.1023 | – 10 |
| ROLINE Power Wall Charger, 1x Type C PD/QC3.0, 61W | B | 19.11.1018 | – 10 |
| ROLINE Power Wall Charger, 1x Type C, 65W | C | 19.11.1029 | – 10 |
| ROLINE Power Wall Charger, 1x USB A, QC3.0, 18W | D | 19.11.1019 | – 10 |
| ROLINE Power Wall Charger, 1x USB A, QC3.0, 24W | E | 19.11.1024 | – 10 |
| ROLINE Power Wall Charger, 2x USB A, 24W | F | 19.11.1026 | – 10 |
| ROLINE Power Wall Charger, 2x USB, 1x QC3.0 + 1x C (PD), 49.5W | G | 19.11.1032 | – 10 |
| ROLINE Power Wall Charger, 3x USB, 1x QC3.0 + 2x 5V/2.4A, 36W | H | 19.11.1033 | – 10 |

## ROLINE USB Chargers, 4 / 6 Ports, up to max. 60W

- For charging mobile devices (tablets /smartphones), even four at one time.
- Multi-Protection: Over Current / Short Circuit / Over Voltage Protection
- IQ technology
- Input range: 100- 240 V AC, 50- 60 Hz
- Contents:USB charger, power cable (2pin Euro) 1,2m

| **Technical data:** | **19.11.1030** | **19.11.1031** |
|---|---|---|
| Input: | 100 - 240 VAC | 100 - 240 VAC |
| Output: | 4x USB A F<br>1x USB A F, QC3.0<br>3.6V-6.5V/3A, 6.5V-9V/2A, 9V-12V/2A<br>1x USB C F (5V; 3A) | 2x USB A F<br>1x USB A F, QC3.0<br>3.6V-6.5V/3A, 6.5V-9V/2A, 9V-12V/2A<br>1x USB C F (5V; 3A) |
| Power (max.): | 60W | 40W |
| Dimensions: | 28 x 67 x 101 mm | 28 x 58 x 91 mm |
| Additional features | IQ technology<br>QC 3.0 (Quick Charge) | IQ technology<br>QC 3.0 (Quick Charge) |




| | | Order-No. | – P.U. |
|---|---|---|---|
| ROLINE USB Charger, 6 Ports (4x USB A, 1x USB C, 1x USB A QC3.0), max. 60W | A | 19.11.1030 | – 10 |
| ROLINE USB Charger, 4 Ports (3x USB + 1x USB C), max. 40W | B | 19.11.1031 | – 10 |

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## Universal Wall Power Supply

**For small devices as battery alternative or spare part**

- Input: 230V/50 Hz
- Output: 500 mA
- Conncection cable length: 1.5 m
- Voltage (VDC): 3 / 4.5 / 6 / 7.5 / 9 / 12 selectable with sliding switch
- Polarity +/- reversible (with plug adaptor)
- Contents: Power Suply Unit with 6 removable plugs (3.5 / 1.4x4 / 2.1x5 / 2.5x5.5 / 0.75x2.5 / 35x3.5 mm)

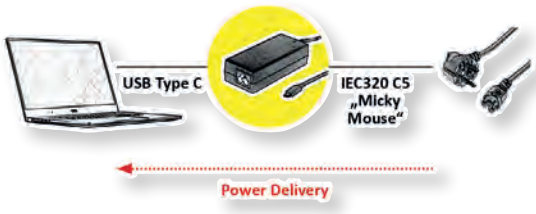


| | Order-No. – P.U. |
|---|---|
| Universal Wall Power Supply 500mA | 19.11.1097 – 1 |
| Universal Wall Power Supply 1000mA | 19.11.1098 – 1 |

## ROLINE USB Charger, C5 Connection, 1x Type C Port, 65W

**For charging or as power supply of a device via USB type C - with up to 65W!**

- For charging devices with USB Type C socket such as MacBooks, Ultrabooks, Notebooks, Laptops, NUCs, Tablets or even Smartphones
- Perfect for on the go: simply use any cable with C5 plug and country-specific connection
- Supports USB PD (Power Delivery) function on output port
- Protection: Current / short-circuit / overvoltage protection
- Compact design, black housing and cable
- Input: 100- 240V AC, 50-60Hz
- Output: 5V-3A, 9V-3A, 12V-3A, 15V-3A, 20V-3,25A (max. 65 W)







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| | Order-No. – P.U. |
|---|---|
| ROLINE USB Charger, C5 Connection, 1x Type C Port, 65W | 19.11.1034 – 10 |

## VALUE USB Charger with Car Plug

**Easily charge your smartphone or other USB devices in the car or power mobile navigation devices**

- Car plug
- Input voltage: DC 12V- 24V
- Contents:car charger

**19.99.1039**



Value®

**19.99.1059**



| Technical data: | 19.99.1039 | 19.99.1059 | 19.07.1054 |
|---|---|---|---|
| Input: | 12-24 V DC, 2.1A max. | 12-24 V DC, 2.1A max. | 12-24 V DC |
| Output: | 2x USB Type A F (1x QC3.0) | 2x USB Type A F | 2x USB A F |
| Power: | 18W<br>1x 3.6-6.5VDC 3A, 6.5-9VDC 2A, 9V-12VDC 1A<br>1x 5V DC 2.4A | 10W (5VDC; .12A) | 15,5W (5VDC;3,1A) |
| Dimensions: | 33 x 53mm | 33 x 35mm | 33 x 60 mm |



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**19.07.1054**

| | Order-No. – P.U. |
|---|---|
| VALUE USB Charger with Car Plug, 2-Port (1x QC3.0, 1x 5VDC 2.4A), 18W | 19.99.1039 – 20 |
| VALUE USB Car Charger, 2 Port, 10W | 19.99.1059 – 20 |
| ROLINE USB Car Charger, 2 Port, 15W | 19.07.1054 – 10 |

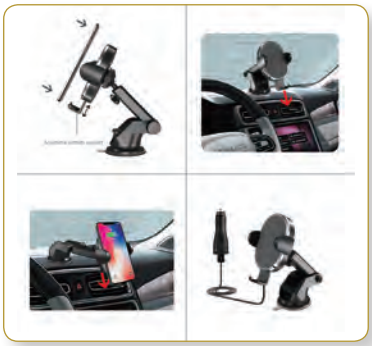
## ROLINE Car Smartphone Holder and Wireless Charger, 10W

**Wireless Charging Smartphone holder for the car, for wireless charging of Qi-capable smartphones by induction - thanks to the integrated coil in the charger, the device can be charged very quickly and efficiently with up to 10W.**

- Charges a compatible smartphone or other matching Qi devices
- One charging coil for up to 10W of power
- Extendable mounting clamps
- Fixable telescopic arm (approx. 260° rotation) and 360° ball joint for optimum adjustability
- For use in the car to avoid having to attach annoying cables directly to the smartphone
- Secure hold through adhesive suction cup, with locking at the foot of the holder
- Connection to Wireless Charger via USB Type A to USB Type C cable (plug/plug)
- Integrated LED displays
- Colour: black
- Contents: Charging station with integrated wireless charger, USB connection cable (A to C, max. length 1.5m), manual

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| | Order-No. – P.U. |
|---|---|
| ROLINE Car Smartphone Holder and Wireless Charger, 10W | 19.11.1013 – 5 |

## VALUE / ROLINE Wireless Charging Pad for Mobile Devices, 10W

**Wireless Charging Pad for wireless charging of QI-enabled smartphones - the integrated coil with up to 10W in the charger allows the device to be charged very quickly and efficiently.**

- Charges a compatible smartphone or other matching Qi devices
- One charging coil for up to 10W of power
- Plug & Play- No driver required
- For use, for example, at the workplace in the office or at home
- Integrated LED display
- Colour: black/white
- Contents: Wireless charging pad, manual



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| | Order-No. – P.U. |
|---|---|
| VALUE Wireless Charging Pad for Mobile Devices, 10W | 19.99.1011 – 10 |
| ROLINE Wireless Charging Pad for Mobile Devices, 10W | 19.11.1011 – 10 |

## ROLINE Wireless Charging Stand for Mobile Devices, 10W

**Wireless Charging Stand for matching smartphones or tablets - the two integrated coils with up to 10W in the charger allow a smartphone to be charged in „portrait“ or „landscape“ mode, for example.**

- Charges a Qi-compatible smartphone or other suitable Qi device
- Two charging coils for up to 10W power: for charging in „Portrait“ or „Landscape“ mode of your smartphone
- Plug & Play- No driver required
- Ideal for e.g. office or bedroom
- Integrated LED display
- Colour: black
- Contents: Qi charging station, USB charging cable, operating instructions

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| | Order-No. – P.U. |
|---|---|
| ROLINE Wireless Charging Stand for Mobile Devices, 10W | 19.11.1010 – 10 |

## ROLINE Wireless Charging Mouse Pad for Smartphones and Mice, 10W

**Wireless Charging Mouse Pad for wireless charging of smartphones and mice - the integrated coil in the mouse pad with up to 10W, the device can be charged very quickly and efficiently.**

- Charges a compatible smartphone or other matching Qi devices, such as mice that support wireless charging
- One charging coil for up to 10W of power
- Plug & Play, no additional software installation necessary
- Perfect for the office, home office or mobile workplace
- Integrated LED display
- Black mouse pad with leather-like surface
- Contents: Wireless Charging Mouse Pad, USB Charging Cable, User Manual

**REMARK: The smartphone is not included**



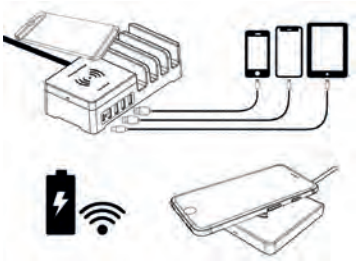
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| | Order-No. – P.U. |
|---|---|
| ROLINE Wireless Charging Mouse Pad for Smartphones and Mice, 10W | 19.11.1014 – 10 |

## ROLINE Multiport USB Charger + Wireless Charging Pad for Mobile Devices, 10W

**5-Port Charging Station with 1x Quick Charge 3.0, 1x Type C and an additional wireless charging pad for QI-enabled devices - the integrated coil with up to 10W allows the device to be charged very quickly and efficiently!**

- Power and charge up to 5 devices (smart phones, tablet PCs, MP3 players, or other matching Qi devices) at once in one convenient location on your desktop, counter top, lobby, or waiting room... or anywhere else, where tablets or smartphones need to be highly available
- Most cell phones and tablets fit in station's slots without removing protective cases
- 5 Powered USB Ports (4x USB type A- one of them compliant with Quick Charge QC3.0) + 1x C (Power Delivery, max. 30W)
- Wireless Charging- one charging coil for up to 10W power
- Over voltage/current, output short circuit protection, over load protection on each port
- Built-in smart charging chipset provides and determines the charge needed for your device, delivering a steady and safe charge



- Plug & Play- No driver required
- Integrated LED display
- Input: 100-240V 50/60Hz

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- Output:
  - Type C PD Output: 5V/3A;9V/3A;12V/2.5A/15V/2A (PD max. 30W);
  - Wireless Output: 10W Fast charge;
  - QC 3.0 Output: 3.6V-6V, 3A, 6.5V-9V, 2A; 9V-12V, 1.5A;
  - Smart Output: 3x 5V, 2.4A(max);
- Total Output: max. 55W
- Contents: Charging station, connection cable, manual



| | Order-No. – P.U. |
|---|---|
| ROLINE Multiport USB Charger + Wireless Charging Pad for Mobile Devices | 19.11.1012 – 5 |

## ROLINE USB Charging Station

- For charging smart phones, tablet PCs (e. g. iPad), MP3 players ...
- Power and charge up to 7 devices at once in one convienent location on your desktop, counter top, lobby, or waiting room.
- Perfect for home or office use, most cell phones and tablets fit in station's slots without removing protective cases (slot widths- 19mm)
- 7 Powered USB Ports (5x 2.4A)- Simply connect your own charging cable and the charging station will charge up to 7 devices, including smartphones and high-powered devices such as tablets
- Organize up to 7 devices- 7 slots with anti-scratch silicone pads organize your devices even with the cases still on
- Surge protection on each port
- Built-in smart charging chipset provides and determines the charge needed for your device, delivering a steady and safe charge
- Power in a compact space
- Power Supply: 19VDC; 3.4A
- Output: 7x 2.4A
- Contents: USB charger, power adapter

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| | |
|---|---|
| Technical data: | 19.07.1051 |
| Number of ports: | 7 |
| Output: | 7x USB 2.0 A, F |
| Input Voltage: | 100 - 240V AC, 50 - 60Hz |
| Output Voltage: | 5VDC |
| Power Output rate: | 7x 5V DC 2.4A |
| Colour: | black |
| Material (housing): | plastic |





| | Order-No. – P.U. |
|---|---|
| ROLINE USB Charging Station, 7 Port | 19.07.1051 – 10 |

## VALUE USB Charging Station, 7 Port, with Storage Box

**Charges up to 7 devices simultaneously via USB, such as smartphones, tablets, eReader and many other devices.**

- Provides 7 USB sockets (5x type A, 1x QC3.0, 1x type C)
- Easy to use at home or on the go; most smartphones and tablets fit (even with a case) into the holders on the device.
- Detachable connection cable (1.2m). (IEC320 C7 on Euro flat plug)
- Overvoltage protection on each port
- Smart charging function: Determines the charging demand of each connected device and charges- controlled- according to
- The power supply unit, cables and the corresponding holding rails can be stowed in the housing in a space-saving and safe manner

**Technical Specifications**

- Charger with mains input and seven USB outputs, 5x type A socket, 1x QC3.0, 1x type C
- Input voltage: 100- 240V AC, 50- 60Hz
- Output voltage: 5x type A DC 5V 1.5A/2.4A; 1x QC3.0 DC 3.6V- 5V / 2A, 5.2V- 9V / 2A, 9.2V- 12V /1.5A; 1x type C 5V 3A

- Contents: 1x USB 7-Port Smart Charging Hub, 1x main adaptor 15VDC/4A + AC Power Cable, 1x Storage Box, 8x Removable Brackets

**REMARK:**
**Please see for additional charging stations page 7.09**







| | Order-No. – P.U. |
|---|---|
| VALUE USB Charging Station, 7 Port, with Storage Box | 19.99.1069 – 4 |

## VALUE IP Power Strip

DATA CENTER Product

**The VALUE IP power strip provides the on/off-switching of electrical devices over a TCP/IP network. Easily connect the VALUE IP power strip to a power supply system and the network. After allocating a free IP address, every single port can be independantly switched with every common webbrowser.**

- For installation in a 19“ cabinet, hight: 1U
- Easy and quick plug & play installation
- Easy and flexible configuration over a webbrowser
- IP adress fix or over DHCP
- Built-in temperature and humidity sensor to monitor your used infrastructure
- Setting of the circuit delay time for On/Off function of each C13 port to prevent the impact of power surge to the system
- LED indication for power status of every port
- Digital display for total power
- Automatic circuit breaker protection

- Technical data:
  Connections: RJ-45, Ethernet 10/100Mbit, front side
  Output: 8x IEC320 C13 (10A)
  Input: 1x IEC320 C20 (16A)
  Rocker switch: Back side, lighted, 2-pole
  Indication: 8 LEDs
  Protocol: http
  Addressing: DHCP or constant IP address
  Dimensions (WxDxH): 430 x 90 x 44
- Contents:IP power bar





| | Order-No. – P.U. |
|---|---|
| VALUE IP Power Strip, 8-way | 19.99.3420 – 2 |

## ROLINE 19“ Automatic Transfer Switch, 2x C20 to 6x C13/2x C19, 16A

DATA CENTER Product

**The Automatic Transfer Switch (ATS) is a high availability device designed for providing redundant power for sensitive electronic equipment. Powered by two independent power sources, it makes a rapid switch from one source to the other automatically, when the power supply used to power its connected load fails.**

- The ATS- Automatic Transfer Switch- has two main supplies that provide redundant power to connected IT equipment
- Designed to supply power from the primary source „A“. If this source is unavailable for any reason, the device will automatically switch to the secondary source „B“, with no interruption to the connected equipment
- Once the primary source „A“ is available again, it will automatically switch back, again without interruption to the equipment
- Robust steel construction
- 2x C20 16A inlets
- 2x C19 16A outlets
- 6x C13 10A unswitched sockets
- 19“ horizontal rack mounting 1U (44.4mm) high
- 16A max. rated. 220- 240VAC 50Hz

- Contents: User manual, 2x Input cables: C19-C20, 2x Input cable lockers, SNMP card, accessories for rack installation






| | Order-No. – P.U. |
|---|---|
| ROLINE 19“ Automatic Transfer Switch, 2x C20 to 6x C13/2x C19, 16A | 19.07.1625 – 1 |

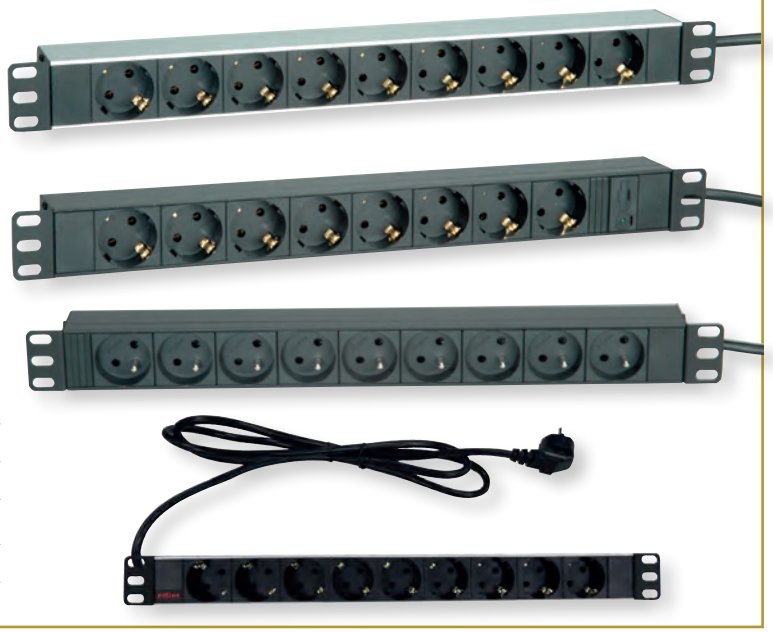
## ROLINE PDU for Cabinets

DATA CENTER Product

- 19“ socket (1UH) for installation in 19“ cabinets, incl. installation angle
- Arrangement of sockets: 45 °
- Profile of anodized aluminium

- Cable type: 2.0m H05VV-F 3G 1,50mm², black
- Max load/power: 16A 3600W; VDE / GS tested
- Color: ALU / light gray RAL 7035
- Width: 440mm

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| | Order-No. | – P.U. |
|---|---|---|
| ROLINE PDU for Cabinet, 9x socket, 45°, 16A, Aluminium, 2m | 19.07.1620 | – 10 |
| ROLINE PDU for Cabinet, 9x socket, 45°, 16A, black, 2m | 19.07.1621 | – 10 |
| ROLINE 19“ PDU for Cabinet 8x 2300W, IEC320 C14 M, Aluminium, 2m | 19.07.1622 | – 10 |
| ROLINE 19“ PDU for Cabinet 8x 2300W, IEC320 C14 M, black, 2m | 19.07.1623 | – 10 |
| ROLINE 19“ PDU for Cabinet 9x socket, 45°, 16A, UTE Version, black, 2m | 19.07.1624 | – 10 |

## ROLINE 19“ PDU for Cabinets 8x 2300W, UTE Version, IEC320 C14 M

DATA CENTER Product

- 19 „socket (1UH) for installation in 19“ cabinets, incl. installation angle
- Arrangement of sockets: 45°
- Profile of anodized aluminium

- Cable type: 2.0m H05VV-F 3G 1mm², black
- Max load/power: 10A 2300W; VDE / GS tested
- Color: black
- Width: 440mm

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| | Order-No. | – P.U. |
|---|---|---|
| ROLINE 19“ PDU for Cabinets 8x 2300W, UTE Version, IEC320 C14 M, black, 2.0 m | 19.07.1626 | – 10 |

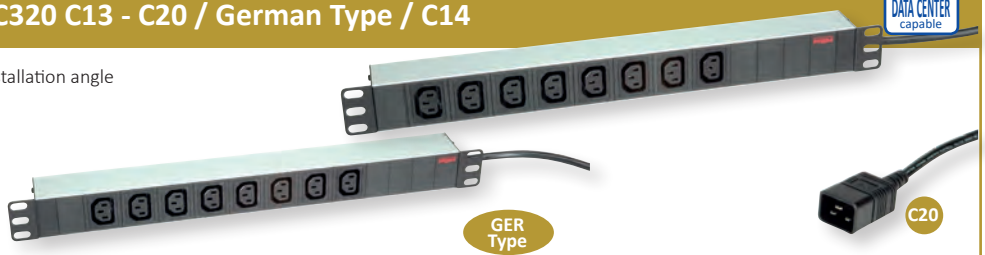
## ROLINE 19“ PDU for Cabinets 8x IEC320 C13 - C20 / German Type / C14

DATA CENTER capable

- 19“ socket (1UH) for installation in 19“ cabinets, incl. installation angle
- Arrangement of sockets: 90°
- Profile of anodized aluminium

- Cable type:
  2.0m H05VV-F 3G 1mm² (19.07.1629) ,
  2.0m H05VV-F 3G 1.5mm² (19.07.1627/19.07.1628) black
- Max load/power:
  10A 2300W (19.07.1629)
  16A 3600W (19.07.1627 / 19.07.1628)
- Color: ALU / light gray RAL 7035
- Width: 440mm

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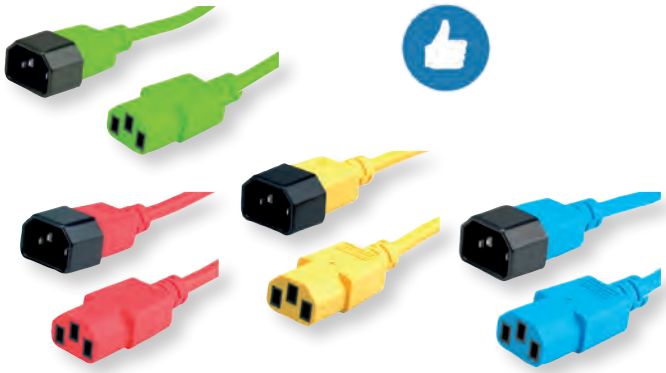
| | Order-No. | – P.U. |
|---|---|---|
| ROLINE 19“ PDU for Cabinets 8x 2300W, IEC320 C13 - C20 M, Aluminium, 2.0 m | 19.07.1627 | – 10 |
| ROLINE 19“ PDU for Cabinets 8x 3600W, IEC320 C13 - German Type M, Aluminium, 2.0 m | 19.07.1628 | – 10 |
| ROLINE 19“ PDU for Cabinets 8x 3600W, IEC320 C13 - C14 M, 10 A Fuse, Aluminium, 2.0 m | 19.07.1629 | – 10 |



## VALUE / ROLINE Monitor Power Cables, IEC 320 C14 - C13

- Monitor power cable with moulded plugs
- Connectors: IEC 320-C14 plug to IEC 320-C13 plug
- Nominal data: 250V AC/10A
- Colour: black



| | Order-No. | P.U. |
|---|---|---|
| VALUE Monitor Power Cable, IEC 320 C14 - C13, black, 0.5 m | 19.99.1505 | 20 |
| VALUE Monitor Power Cable, IEC 320 C14 - C13, black, 1 m | 19.99.1510 | 20 |
| VALUE Monitor Power Cable, IEC 320 C14 - C13, black, 1.8 m | 19.99.1515 | 50 |
| VALUE Monitor Power Cable, IEC 320 C14 - C13, black, 3 m | 19.99.1530 | 50 |
| ROLINE Monitor Power Cable, IEC 320 C14 - C13, black, 0.5 m | 19.08.1505 | 50 |
| ROLINE Monitor Power Cable, IEC 320 C14 - C13, black, 1 m | 19.08.1510 | 30 |
| ROLINE Monitor Power Cable, IEC 320 C14 - C13, black, 1.8 m | 19.08.1515 | 50 |
| ROLINE Monitor Power Cable, IEC 320 C14 - C13, black, 3 m | 19.08.1530 | 50 |
| VALUE Monitor Power Cable, IEC 320 C14 - C13, white, 1.8 m | 19.99.1516 | 50 |
| ROLINE Monitor Power Cable, IEC 320 C14 - C13, red, 0.8 m | 19.08.1525 | 25 |
| ROLINE Monitor Power Cable, IEC 320 C14 - C13, red, 1.8 m | 19.08.1520 | 25 |
| ROLINE Monitor Power Cable, IEC 320 C14 - C13, red, 3 m | 19.08.1531 | 25 |
| ROLINE Monitor Power Cable, IEC 320 C14 - C13, yellow, 0.8 m | 19.08.1526 | 25 |
| ROLINE Monitor Power Cable, IEC 320 C14 - C13, yellow, 1.8 m | 19.08.1521 | 25 |
| ROLINE Monitor Power Cable, IEC 320 C14 - C13, yellow, 3 m | 19.08.1532 | 25 |
| ROLINE Monitor Power Cable, IEC 320 C14 - C13, blue, 0.8 m | 19.08.1527 | 25 |
| ROLINE Monitor Power Cable, IEC 320 C14 - C13, blue, 1.8 m | 19.08.1522 | 25 |
| ROLINE Monitor Power Cable, IEC 320 C14 - C13, blue, 3 m | 19.08.1533 | 25 |
| ROLINE Monitor Power Cable, IEC 320 C14 - C13, green, 0.8 m | 19.08.1528 | 25 |
| ROLINE Monitor Power Cable, IEC 320 C14 - C13, green, 1.8 m | 19.08.1523 | 25 |
| ROLINE Monitor Power Cable, IEC 320 C14 - C13, green, 3 m | 19.08.1534 | 25 |

## VALUE Power Cables, straight IEC Conncector

**Cable with safety plug 90° angulate (Schuko plug) and IEC 320-C13**

- Plugs: Schuko plug to C13 plug
- Nominal data: 250V AC/2.5A
- Colour: black

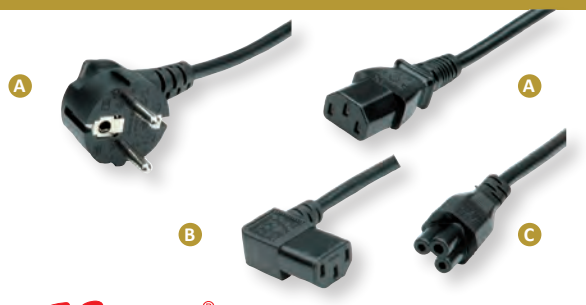



| | | Order-No. | P.U. |
|---|---|---|---|
| VALUE Power Cable, straight IEC Conncector, black, 0.6 m | A | 19.99.1017 | 50 |
| VALUE Power Cable, straight IEC Conncector, black, 1.8 m | A | 19.99.1018 | 50 |
| VALUE Power Cable, straight IEC Conncector, white, 0.6 m | B | 19.99.1016 | 50 |
| VALUE Power Cable, straight IEC Conncector, white, 1.8 m | B | 19.99.1019 | 50 |
| VALUE Power Cable, angled IEC Connector, black, 1.8 m | C | 19.99.1118 | 50 |
| VALUE Power Cable, straight Compaq Connector, black, 1.8 m | D | 19.99.1028 | 20 |

## ROLINE Power Cables, straight IEC Connector

**Cable with safety plug 90° angulate (Schuko plug) and IEC 320-C13**

- Plugs: Schuko plug to C13 plug
- Nominal data: 250V AC/10A
- Colour: black




| | | Order-No. | P.U. |
|---|---|---|---|
| ROLINE Power Cable, straight IEC Connector, black, 1.8 m | A | 19.08.1018 | 50 |
| ROLINE Power Cable, straight IEC Connector, 3 m | A | 19.08.1030 | 50 |
| ROLINE Power Cable, angled IEC Connector, 1.8 m | B | 19.08.1118 | 50 |
| ROLINE Power Cable, straight Compaq Connector, 1.8 m | C | 19.08.1028 | 20 |

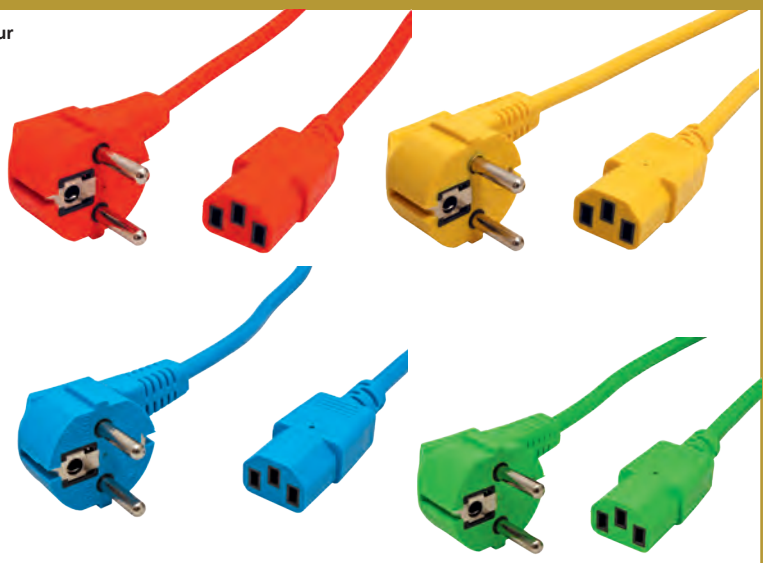
## ROLINE Power Cables, straight IEC Connector

**A great solution for neat cable management in any data center! We recommend our colored monitor power cables, e.g. 19.08.1520 (C14-C13), as additional products.**

Cable with safety plug 90° angulate (german type) and IEC 320-C13

- Plugs: safety plug to C13 plug
- Nominal data: 250V AC/2.5A

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| | Order-No. – P.U. |
|---|---|
| ROLINE Power Cable, straight IEC Connector, red, 1.8 m | 19.08.1010 – 25 |
| ROLINE Power Cable, straight IEC Connector, yellow, 1.8 m | 19.08.1011 – 25 |
| ROLINE Power Cable, straight IEC Connector, blue, 1.8 m | 19.08.1012 – 25 |
| ROLINE Power Cable, straight IEC Connector, green, 1.8 m | 19.08.1013 – 25 |

## VALUE / ROLINE Euro Power Cables, 2-pin

- Suitable e.g. for notebook power supply
- Connectors: Europlug to IEC320-C7 plug
- Moulded plugs
- 250V AC/2.5A

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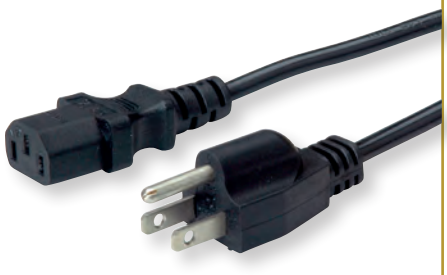
Value®




| | | Order-No. – P.U. |
|---|---|---|
| VALUE Euro Power Cable, 2-pin, black, 1 m | A | 19.99.2089 – 100 |
| VALUE Euro Power Cable, 2-pin, black, 1.8 m | A | 19.99.2096 – 100 |
| VALUE Euro Power Cable, 2-pin, black, 3 m | A | 19.99.2092 – 50 |
| VALUE Euro Power Cable, 2-pin, black, 5 m | A | 19.99.2094 – 50 |
| VALUE Euro Power Cable, 2-pin, angled, black, 1.8 m | C | 19.99.2093 – 100 |
| VALUE Euro Power Cable, 2-pin, white, 1 m | B | 19.99.2090 – 100 |
| VALUE Euro Power Cable, 2-pin, white, 1.8 m | B | 19.99.2095 – 100 |
| VALUE Euro Power Cable, 2-pin, white, 3 m | B | 19.99.2091 – 50 |
| ROLINE Euro Power Cable, 2-pin, black, 1.8 m | A | 19.07.2096 – 100 |
| ROLINE Euro Power Cable, 2-pin, black, 3 m | A | 19.07.2073 – 50 |
| ROLINE Euro Power Cable, 2-pin, black, 5 m | A | 19.07.2078 – 50 |
| VALUE Euro Power Cable, 2-pin, C/ connector 90° angled, black, 1.8 m | D | 19.99.2088 – 100 |
| ROLINE Euro Power Cable, 2-pin, angled, black, 1.8 m | C | 19.07.2093 – 100 |

## VALUE Power Cable, NEMA-5 – IEC C13 Conncector, USA

**Cable with plug NEMA-5 and IEC-C13**
- Plugs: NEMA-5 male to C13 female
- Nominal data: 125V AC/10A
- Colour: black
- **Suitable for USA**

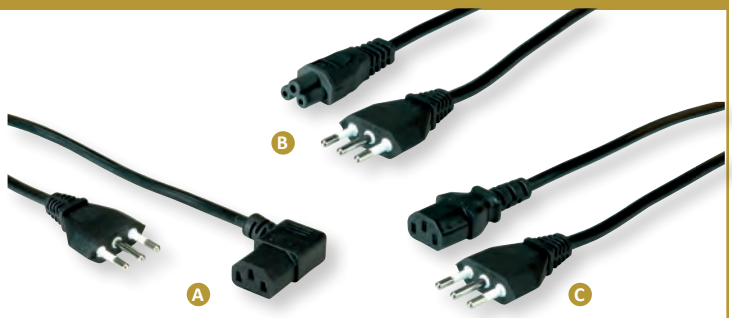


Value®

| | Order-No. – P.U. |
|---|---|
| Power Cable, NEMA-5 – IEC C13 Conncector, USA, black, 1.8 m | 19.99.1495 – 50 |

## VALUE Power Cables, Italy

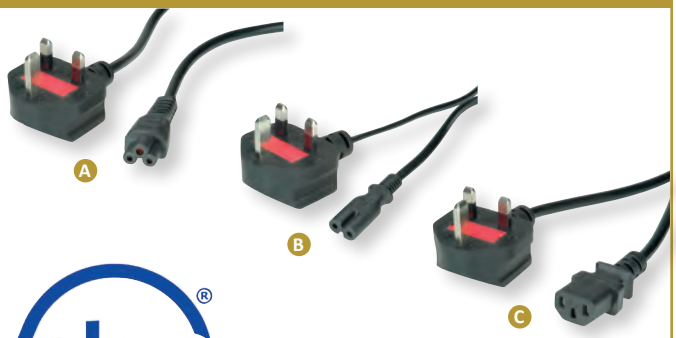
Cable with Italy safety plug 90° angled and IEC 320-C13
- Plugs: Italy plug to C13 plug
- Nominal data: 250V AC/2.5A
- Colour: black




| | | Order-No. | P.U. |
|---|---|---|---|
| VALUE Power Cable, angled IEC Connector, Italy, black, 1.8 m | A | 19.99.2070 | 50 |
| VALUE Power Cable, straight Compaq Connector, Italy, black, 1.8 m | B | 19.99.2071 | 50 |
| VALUE Power Cable, straight IEC Conncector, Italy Version, black, 1.8 m | C | 19.99.2072 | 50 |

## VALUE UK Power Cables, 3A/10A

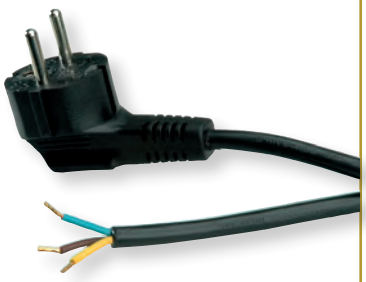
- Plugs: UK plug to C5 / C7 / C13 plug
- Nominal data: 250V AC / 3A or 10A
- Colour: black




| | | Order-No. | P.U. |
|---|---|---|---|
| VALUE UK Power Cable, straight Compaq Connector, 3A, black, 1.8 m | A | 19.99.2016 | 50 |
| VALUE UK Power Cable, 2-pin, black, 3A, 1.8 m | B | 19.99.2017 | 50 |
| VALUE UK Power Cable, straight IEC Conncector, 10A, black, 1.8 m | C | 19.99.2018 | 50 |
| VALUE UK Power Cable, straight IEC Conncector, 10A, black, 3 m | C | 19.99.2019 | 20 |

## ROLINE Power Cable with German Type Connector / Open End, AC 230V

- Cable with Schuko male connector, 16A / 230VAC
- Cable: H05VV-F 3G1 3x 0.75mm²
- Nominal data: 250 VAC/16 A
- Colour: black



| | Order-No. | P.U. |
|---|---|---|
| ROLINE Power Cable w. German connector / open end, AC 230V, black, 1.8 m | 19.08.1110 | 10 |
| ROLINE Power Cable w. German connector / open end, AC 230V, black, 3.0 m | 19.08.1111 | 10 |

roline® Designed for Professionals

## VALUE / ROLINE Y-Power Cable, 2x straight IEC Connector

**Cable with safety plug 90° angled (3P German Plug) and 2x IEC 320-C13 plug straight**

- Suitable for PC and monitor power connection
- Connectors: 3P German plug to 2x C13 plug
- Nominal data: 250V AC/10A



| | Order-No. | P.U. |
|---|---|---|
| VALUE Y-Power Cable, 2x straight IEC Connector, black, 2 m | 19.99.1022 | 50 |
| ROLINE Y-Power Cable, 2x straight IEC Connector, black, 2 m | 19.08.1022 | 50 |
| ROLINE Y-Power Cable, 2x straight IEC Connector, white, 2 m | 19.08.1023 | 50 |

roline® Designed for Professionals

## VALUE / ROLINE Power Cord German Safety Plug, IEC320 - C19 16A

**Cable often used for UPS from 3000 VA and for connecting Blade servers.**

- Connection cable 16 A with IEC320 C19 Female and German safety plug, angled
- Cable: H05VV-F 3G1.5 3x 1.5mm²
- Nominal data: 250 VAC/16 A
- Colour: black

| | Order-No. – P.U. |
|---|---|
| VALUE Power Cord German Type, IEC320 - C19 16A, black, 2.0 m | 19.99.1552 – 20 |
| VALUE Power Cord German Type, IEC320 - C19 16A, black, 3.0 m | 19.99.1553 – 20 |
| ROLINE Power Cord German Type, IEC320 - C19 16A, black, 2.0 m | 19.08.1552 – 14 |
| ROLINE Power Cord German Type, IEC320 - C19 16A, black, 3.0 m | 19.08.1553 – 10 |
| ROLINE Power Cord IEC320/C19 - C20 16A, black, 2.0 m | 19.08.1562 – 14 |
| ROLINE Power Cord IEC320/C19 - C20 16A, black, 3.0 m | 19.08.1563 – 10 |




## VALUE Extension Cable with 3P. German connectors, AC 230V

- Extension cable with 3P. German male and female connector, 16A / 230V ~
- Cable: H05VV-F 3G1.5 3x 1.5mm²
- Nominal data: 250 VAC/16 A
- Colour: black

| | Order-No. – P.U. |
|---|---|
| VALUE Extension Cable with 3P. German connectors, AC 230V, black, 3 m | 19.99.1166 – 20 |
| VALUE Extension Cable with 3P. German connectors, AC 230V, black, 5 m | 19.99.1167 – 20 |
| VALUE Extension Cable with 3P. German connectors, AC 230V, black, 10 m | 19.99.1168 – 10 |
| VALUE Extension Cable with 3P. German connectors, AC 230V, white, 3 m | 19.99.1176 – 20 |
| VALUE Extension Cable with 3P. German connectors, AC 230V, white, 5 m | 19.99.1177 – 20 |
| VALUE Extension Cable with 3P. German connectors, AC 230V, white, 10 m | 19.99.1178 – 10 |




## VALUE Extension Cable with 3P. Connectors, UTE Version, AC 230V

**Extension cable with German Type plug and socket, 16A/230V**
- Extension cable with 3P. male and female connector, UTE Version, 16A / 230V ~
- Cable: H05VV-F 3G1.5 3x 1.5mm²
- Nominal data: 250 VAC/16 A
- Colour: black
- **Suitable for France, Czech Republic, Slovakia**

| | Order-No. – P.U. |
|---|---|
| VALUE Extension Cable with 3P. Connectors, UTE Version, AC 230V, black, 3 m | 19.99.1170 – 20 |
| VALUE Extension Cable with 3P. Connectors, UTE Version, AC 230V, black, 5 m | 19.99.1171 – 20 |
| VALUE Extension Cable with 3P. Connectors, UTE Version, AC 230V, black, 10 m | 19.99.1172 – 10 |
| VALUE Extension Cable with 3P. Connectors, UTE Version, AC 230V, white, 3 m | 19.99.1173 – 20 |
| VALUE Extension Cable with 3P. Connectors, UTE Version, AC 230V, white, 5 m | 19.99.1174 – 20 |
| VALUE Extension Cable with 3P. Connectors, UTE Version, AC 230V, white, 10 m | 19.99.1175 – 10 |




## VALUE Extension Cable T12/T13 (CH)

- Extension cable
- T12 plug / T13 socket
- Type Td 3x1.5 mm²
- Colour: black / white

| | Order-No. – P.U. |
|---|---|
| VALUE Extension Cable T12/T13 (CH), 3 m | 19.99.1180 – 20 |
| VALUE Extension Cable T12/T13 (CH), 5 m | 19.99.1181 – 20 |
| VALUE Extension Cable T12/T13 (CH), 10 m | 19.99.1182 – 10 |
| VALUE Extension Cable T12/T13 (CH), white, 3 m | 19.99.1183 – 20 |
| VALUE Extension Cable T12/T13 (CH), white, 5 m | 19.99.1184 – 20 |
| VALUE Extension Cable T12/T13 (CH), white, 10 m | 19.99.1185 – 10 |



## VALUE Power Cable, German Socket to IEC C14 Plug

**Cable with safety socket (German socket) and IEC 320-C14**

- Plugs: German socket to C14 plug
- Nominal data: 250V AC/10A
- Colour: black

- Note: only for UPS use



| | Order-No. – P.U. |
|---|---|
| VALUE Power Cable, German Socket to IEC C14 Plug, black, 0.3 m | 19.99.1117 – 20 |

## VALUE Power Cable IEC320/C14 Male - C5 Female

**Ideal for use as extension/conversion from an IEC power lead to power a laptop with a IEC C5 socket input.**

- Voltage 250 V AC
- Current: 2.5 A
- Connector type:
- Male Plug IEC60320 C14
- Female Connector IEC60320 C5
- Cable construction: 3 wires
- Conductors / Wires: Gauge 1.0mm²
- Material: PVC
- Color: Black

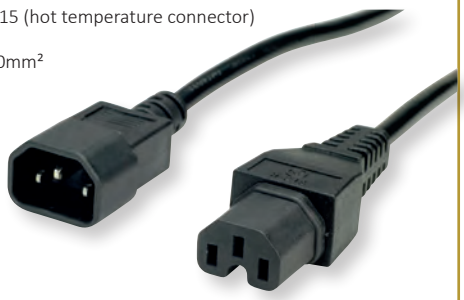


| | Order-No. – P.U. |
|---|---|
| VALUE Power Cable IEC320/C14 Male - C5 Female, black, 1.8 m | 19.99.1119 – 20 |

## VALUE Power Cable IEC320/C14 Male - C15 Female

**This type of connector (C15) is specifically designed for higher temperature devices, e.g. computing networking cabinets or server rooms, and PoE (Power over Ethernet) switches with higher wattage power supplies.**

- Voltage 250 V AC
- Current: 10 A
- Connector type:
- Male Plug IEC60320 C14
- Female Connector IEC60320 C15 (hot temperature connector)
- Cable construction: 3 wires
- Conductors / Wires: Gauge 1.0mm²
- Material: PVC
- Color: Black

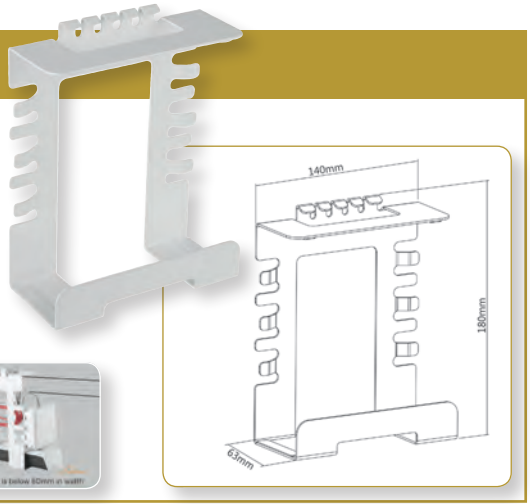


| | Order-No. – P.U. |
|---|---|
| VALUE Power Cable IEC320/C14 Male - C15 Female, black, 0.5 m | 19.99.1120 – 20 |
| VALUE Powercable IEC320/C14 Male - C15 Female, black, 1 m | 19.99.1121 – 20 |
| VALUE Powercable IEC320/C14 Male - C15 Female, black, 1.8 m | 19.99.1122 – 20 |
| VALUE Powercable IEC320/C14 Male - C15 Female, black, 3 m | 19.99.1123 – 20 |

## VALUE Power Strip Organizer, Table-Mounted

**Under desk socket strip holder with adhesive tape - for a clean and tidy office, including cable management**

- For an organized desktop/office
- Table-Mounted Power Strip Organizer
- Designed to work on an open desktop or shelf
- Adhesive tape keeps organizer & power strip in place without damaging surfaces
- Patterned grooves keep a better cable organization
- Heavy-Duty steel construction
- Dimensions: 180 x 140 x 63 mm




| | Order-No. – P.U. |
|---|---|
| VALUE Power Strip Organizer, Table-Mounted, white | 19.99.3232 – 10 |



# Test / Measurement / Tools

8


Cable Testers / Network Tools . . . . . 8.02 – 8.03
Non-Contact Voltage Tester . . . . . 8.02
HOBBES Products. . . . . 8.03 – 8.04
Crimping Pliers / Tools. . . . . 8.05 – 8.06
Fiber Optic Cleaning Tools. . . . . 8.07
Inspection Camera. . . . . 8.09
Service Kits . . . . . 8.08 – 8.11
Cable Ties / Installation Tools / Clips . . . . . 8.12
Cable Tunnel Organizers . . . . . 8.12

## VALUE LAN Quicker Cable Tester

For the quick test of RJ-45/UTP, RJ-45/STP cabling
- OPEN, SHORT and CROSS test function
- LED indicator on both main unit and remote unit
- Beep sound warning
- Step/Auto select function
- Low battery indication
- Auto power off
- Small size, easy to carry
- Carrying case included
- Ideal for LAN installation
- Dimensions: 104 x 78 x 33 mm
- Contents: Cable tester, 9V battery, carrying case






| | Order-No. | P.U. |
|---|---|---|
| VALUE LAN Quicker Cable Tester | 13.99.3001 | 5 |

## VALUE LAN Cable Multifunction Tester

- The tester can check UTP and STP Cat.5e, Cat.6, Cat.6a and coaxial cables
- It can identify and locate the distance to an open or short circuit
- Uses TDR (Time Domain Reflectometer) to measure the length and distance to the defective of a cable
- Identification of wiring and pin assignment
- LCD backlight display
- Low battery indication





| | Order-No. | P.U. |
|---|---|---|
| VALUE LAN Cable Multifunction Tester | 13.99.3002 | 1 |

## VALUE LANtest Multi-Network Cable + PoE Tester

- Continuity testing of coax cables with BNC connectors and 8-pole data lines w. fitted RJ-45 connectors
- The device recognises open and short-circuited (wire/wire or wire/shield) connections
- A two-line display (LEDs) indicates sequentially which pin of the RJ-45 connector at cable end A is connected with which pin at cable end B and manual or automatic switch advancing is possible; in the case of a short-circuit more than two LEDs light up simultaneously
- The device has 2 RJ-45 sockets; with the supplied Remote Kit cables laid in the wall can also be tested
- Two adapter cables (BNC/RJ-45) are supplied for testing coax cables
- PoE check- the PoE Finder allows the newtork administrator to find out if a network cable is supplied via PoE. Just plug in the network cable that has to be tested. The LED of the PoE finder will shine if the cable is supplied with power.
- Battery (not included in delivery): 1x E-block 9V (6LR61/AM-6)




| | Order-No. | P.U. |
|---|---|---|
| VALUE LANtest Multi-Network Cable + PoE Tester | 13.99.3003 | 5 |

## VALUE Non-Contact Voltage Tester, 1000V, with Flashlight

NEW

**Non-contact, automatic voltage test for voltages from 12-1000V AC for a wide range of applications**

- Provides non-contact detection of AC voltage
- Detects 12 to 1000V AC with simultaneous visual and audible voltage indicators
- Bright flashlight illuminates work area and may be used independent of voltage detection function
- Visual LED indicates the presence of voltage- the higher the voltage sensed, or the closer to the voltage source, the more LEDs light up
- Bar graph visual voltage indicator utilizes up to five vibrant LEDs for easy interpretation/viewing
- Audible voltage indicator beeps at a greater frequency the higher the voltage that is sensed, or the closer to the voltage source
- ''Auto Power-Off'' conserves and extends battery life
- Screw-thread battery cap with O-ring ensures protection against dust and water ingress
- Lightweight, compact tool with pocket clip provides convenient storage and quick access



| | Order-No. | P.U. |
|---|---|---|
| VALUE Non-Contact Voltage Tester, 1000V, with Flashlight | 19.99.5079 | 10 |

## HOBBES LANtest Multinetwork Cable Tester

- Continuity testing of coax cables with BNC connectors and 8-pole data lines w. fitted RJ-45 connectors
- The device recognises open and short-circuited (wire/wire or wire/shield) connections
- A two-line display (LEDs) indicates sequentially which pin of the RJ-45 connector at cable end A is connected with which pin at cable end B and manual or automatic switch advancing is possible; in the case of a short-circuit more than two LEDs light up simultaneously
- The device has 2 RJ-45 sockets; with the supplied Remote Kit cables laid in the wall can also be tested
- Two adapter cables (BNC/RJ-45) are supplied for testing coax cables
- Battery (not included in delivery): 1x E-block 9V (6LR61/AM-6)




| | Order-No. | P.U. |
|---|---|---|
| HOBBES LANtest Multinetwork Cable Tester | 13.01.3383 | 20 |

## HOBBES Network Cable Tester Products

NEW

**Network Cable Testers**

**It enables the technician to troubleshoot the network by identifying specific faults with a range of features, such as cable crimping, wiring continuity testing, cable tracing, PoE type identifying, cable organizing, cable length testing, switch port blinking and much more.**


A


B


C


D


E


F


G


H

Hobbes® INNOVATION

| | | Order-No. | – P.U. |
|---|---|---|---|
| HOBBES GIGA-X Network Cable Tester (256800) | A | 13.01.3345 | – 2 |
| HOBBES LAN Idgiga Link Tester, Port Finder & PoE Tester (256655G) | B | 13.01.1557 | – 4 |
| HOBBES LANsmart Pro & SmartProbe Kit (256003PK) | C | 13.01.1558 | – 1 |
| HOBBES LANsmart Pro, Network Cable Tester (256003PRO) | D | 13.01.3267 | – 5 |
| HOBBES LANsmart, Network-/ Cable Tester (256003) | E | 13.01.3348 | – 2 |
| HOBBES LANtest Basic Network Cable Tester, 20. (256551/20TH) | | 13.01.3269 | – 4 |
| HOBBES LANtest Kit, Multi-Network Modular Cable Tester (256551) | F | 13.01.3383 | – 20 |
| HOBBES LANtest Pro Network Cable Tester, incl. 4 Remotes (256652A/IDT) | G | 13.01.3270 | – 2 |
| HOBBES LANtest Pro Network Cable Tester (256652A) | H | 13.01.3379 | – 4 |
| HOBBES NETmapper (256850) | J | 13.01.3262 | – 5 |
| HOBBES NETmapper Pro (256850PRO) | K | 13.01.3275 | – 5 |
| HOBBES NETmapper Pro & SmartProbe Kit (256850PK) | L | 13.01.3274 | – 1 |
| HOBBES Network Installation Kit (HT-4015) | M | 13.01.3287 | – 2 |
| HOBBES PoE Checker (256316) | | 13.01.3260 | – 5 |
| HOBBES PoE Detector with PoEz Powered Device Simulator (256318K) | N | 13.01.3268 | – 6 |
| HOBBES Probe (256712A) | | 13.01.1556 | – 4 |
| HOBBES SMARTone & SMARTprobe Kit (256713D) | | 13.01.3273 | – 4 |
| HOBBES SMARTone, Digital Cable Locator Tone Generator (256711D) | | 13.01.3272 | – 4 |
| HOBBES SURVLtest, CCTV Tester for IP/HD Coax/Analogue (HST319) | | 13.01.3285 | – 1 |
| HOBBES Tone Generator (256711A) | | 13.01.3271 | – 4 |
| HOBBES Tone Generator & Probe Kit (256713A) | | 13.01.1555 | – 2 |
| HOBBES Tooltest, Crimping Tool + Cable Tester (HTC-0022) | O | 13.01.3358 | – 5 |


J


K


L


M



N


O

## HOBBES Fiber Optic Products (OptiSource / Tool Kit / Cable Tester / Cleaning)

NEW

**Fiber Optic Testers**

- It supports technicians during fiber testing and fiber optic signal identifying. It is suitable for verification testing and troubleshooting during fiber installation and maintenance.































| | | Order-No. | – P.U. |
|---|---|---|---|
| HOBBES OPTISource 850-1300 nm (257821) | A | 13.01.3263 | – 2 |
| HOBBES OPTISource 850-1300-1310-1550 nm (257823) | B | 13.01.3264 | – 2 |
| HOBBES Fiber Optic Tool Kit incl. Fiber Checker Pro (HT-F3033FC5) | C | 13.01.3288 | – 2 |
| HOBBES Fiber Checker Pro II + LC Adapter (FC-2009A) | D | 13.01.3282 | – 2 |
| HOBBES Fiber Checker Pro + LC Adapter (FC-2005A) | E | 13.03.3389 | – 5 |
| HOBBES 2.50 mm to 1.25 mm LC Adapter (FA-003) | F | 13.01.3372 | – 10 |
| HOBBES Fiber Checker Pro Cable Tester (FC-2005) | G | 13.01.3377 | – 5 |
| HOBBES Basic Fiber Optic Tool Kit (HT-F3033) (HT-K3032) | H | 13.01.3290 | – 2 |
| HOBBES CLEANSSETTE Optical connector cleaner, Cassette (FCT-C410) | J | 13.01.3283 | – 10 |
| HOBBES Optical connector cleaner, dispos. cleaning reel (FCT-CR001) | K | 13.01.3284 | – 10 |
| HOBBES SMARTFiber Pro (257835PRO) | | 13.01.3276 | – 1 |

## HOBBES INNOTEST Module Cable Tester / TEST-i All-in-One cable/Interface Test

NEW

**The INNOTEST - All-in-One Universal Cable Tester/BBU Baseband Unit Interface Tester**

- Module design cable tester
- The module of INNOTEST- All-in-One Universal Cable Tester/BBU Baseband Unit Interface Tester can be removed and replace with the connector type that you need.
- Test not only each pins connection to identify open wires, shorted wires, cross wires, and mis–wires, it also shows pin–to–pin connectivity of your cable.
- All-in One cable tester supports more than 20 types of connectors.

**TEST-i Pro - All-in-One Universal Cable Tester/BBU Baseband Unit Interface Tester**

- Includes wire mapping function to test each pins connection to identify opened, shorted, crossed, and mis–wires. It also shows pin–to–pin connectivity, and can save up to 100 test results. The crucial data can be saved and uploaded to a PC via USB interface for analysis. Furthermore, it also includes built–in extension port for user needs additional types of cable testing that is not included in standard TEST-i Pro- All-in-One Universal Cable Tester/BBU Baseband Unit Interface Tester.













| | | Order-No. | – P.U. |
|---|---|---|---|
| HOBBES INNOTEST Module Cable Tester, Module Kit, Case (258012IM-002) | A | 13.01.3277 | – 2 |
| HOBBES INNOTEST Module Cable Tester, HDMI Module Kit, Case (258012IM-004) | B | 13.01.3278 | – 2 |
| HOBBES TEST-i Pro All-in-One cable/interface test (258011) | C | 13.01.3265 | – 1 |
| HOBBES TEST-i All-in-One cable/interface test (258898) | D | 13.01.3266 | – 1 |
| HOBBES Workstation Repair Tool Kit (HT-2020EU) | | 13.01.3286 | – 1 |
| HOBBES PC-Repair Tool Case, 85 pieces (HTK-113) | | 13.01.3289 | – 2 |

## Network Tool Set

- **1x Punch Down Tool** - for inserting wire into insulation-displacement connectors on e.g. punch down blocks, patch panels, keystone modules, surface mount boxes

- **1x LAN Tester**
- Line tester for continuity test of Cat.5/6/6A and ISDN network lines
- Separate receiver for long length cable, the main unit and separate receiver can be attached to each other via a lateral guide rail
- Connection test with LED display for 8 single wires and shielding / detection of continuity, misalignment, interruption, short circuit, crossover cable
- Power supply via 9VDC block battery (not supplied)
- Compatible with the following connectivity modular plugs: RJ45 (8P8C), RJ12 (6P6C), RJ11 (6P4C, 6P2C)
- Supported network standards: 10Base-T, 10Base-T2, 285A, TIA568A / 568B

- **1x Cable Stripper** - with 4 different blades for cutting the PVC jacket of cables of various sizes
- **1x RJ45 Crimping Tool**

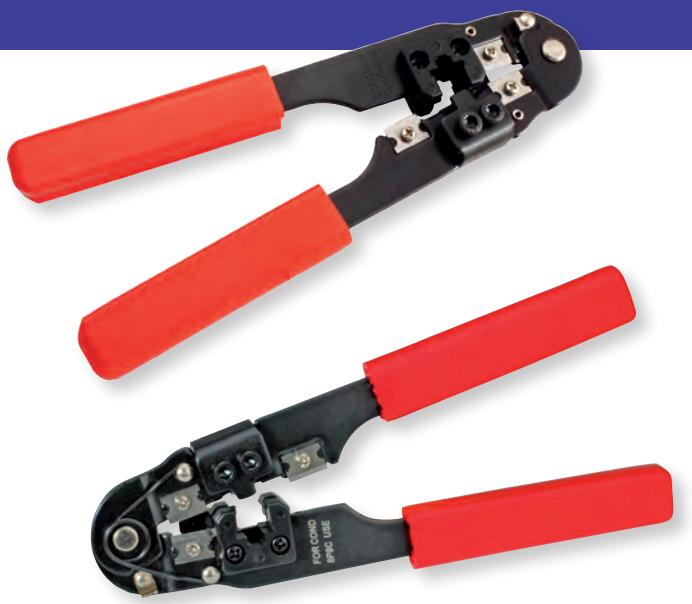


| | Order-No. – P.U. |
|---|---|
| Network Tool Set, 4 pcs. | 19.06.2034 – 10 |

## VALUE Crimping Tool 8P8C

- Solid metal pliers for cutting, stripping and crimping
- For RJ-45 connectors with 8 pins and 8 contacts





| | Order-No. – P.U. |
|---|---|
| VALUE Crimping Tool 8P8C | 25.99.8791 – 5 |

## Crimping Tool 8-Pin 8-Contact

- Solid metal pliers for cutting, stripping and crimping
- For RJ45 connectors with 8 pins and 8 contacts



| | Order-No. – P.U. |
|---|---|
| Crimping Tool 8-Pin 8-Contact | 19.06.1020 – 10 |

## VALUE Multifunction Crimping Tool 8P+6P+4P

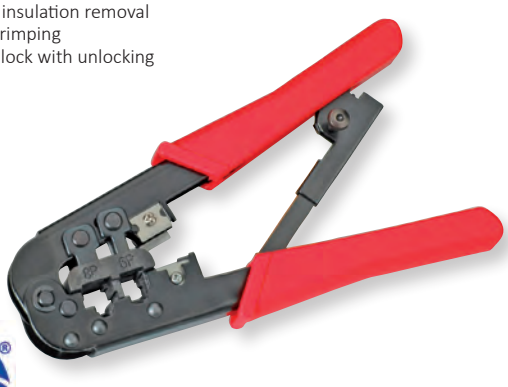
- For 4/6/8-pole modular plugs
- Suitable for cutting, insulation removal (ribbon cable) and crimping
- Fitted with a forced lock with unlocking capability in the case of incorrect use
- Universally usable
- Robust metal tongs



| | Order-No. – P.U. |
|---|---|
| VALUE Multifunction Crimping Tool 8P+6P+4P | 25.99.8790 – 5 |

## VALUE Universal Crimping Tool 8P6P, 6P4C

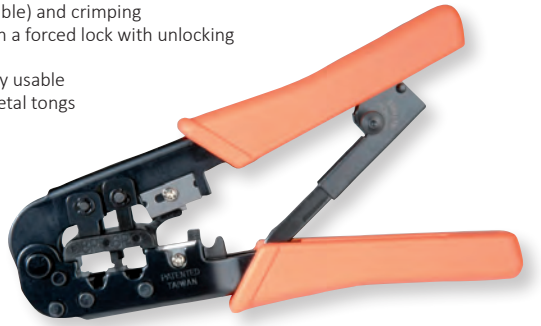
- For 6/8-pole crimping modular plugs (RJ-11, RJ-12, RJ-45)
- Suitable for cutting, insulation removal (ribbon cable) and crimping
- Fitted with a forced lock with unlocking capability
- Universally usable
- Robust metal tongs



| | Order-No. – P.U. |
|---|---|
| VALUE Universal Crimping Tool 8P6P, 6P4C | 25.99.8792 – 5 |

## Universal Modular Crimping Tool

- For crimping modular plug: 8p8c/RJ-45, 6p6c/RJ-12 and 6p4c/RJ-11
- Suitable for cutting, insulation removal (ribbon cable) and crimping
- Fitted with a forced lock with unlocking capability
- Universally usable
- Robust metal tongs



| | Order-No. – P.U. |
|---|---|
| Universal Modular Crimping Tool | 19.06.1021 – 5 |

## Universal Crimping Tool for Modular Plugs

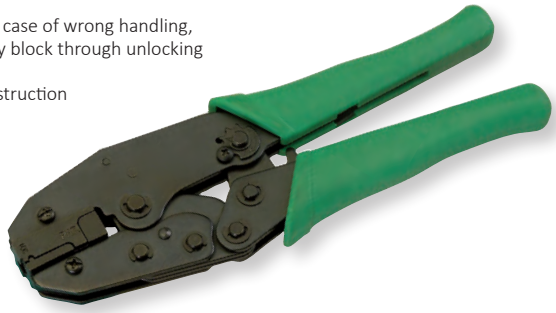
- For 4/6/8-pole modular plugs from AMP System WE or DEC (RJ-12 and MMJ)
- Suitable for cutting, insulation removal (ribbon cable) and crimping
- Fitted with a forced lock with unlocking capability in the case of incorrect use
- Universally usable
- Robust metal tongs



| | Order-No. – P.U. |
|---|---|
| Universal Crimping Tool for Modular Plugs | 19.06.1048 – 10 |

## Crimping Tool for Hirose RJ-45 Plug, TM11/TM21

- Special crimping tool only suitable for HiRose modular plugs TM11
- Presses the connectors and the housing screening together in one movement
- In possible case of wrong handling, compulsory block through unlocking function
- Stable construction
- Metal



| | Order-No. – P.U. |
|---|---|
| Crimping Tool for Hirose RJ-45 Plug, TM11, green | 19.06.1029 – 10 |
| Crimping Tool for Hirose RJ-45 Plug, TM21, blue | 19.06.1031 – 10 |

## VALUE Universal Wire Stripper

Light weight, compact, cost-effective stripper, simple to operate.

- Adjustable stripping blade for different insulation thickness, prevents damage of shielding and conductors
- For stripping coaxial cables RG59, RG6, RG7/11
- For stripping round networking cables
- For stripping flat 4P/6P/8P telephone cables
- The cassette can be reversed to change different coaxial cables
- For cutting cables
- Weight: ca. 70 g



| | Order-No. – P.U. |
|---|---|
| VALUE Universal Wire Stripper | 25.99.8793 – 6 |

## VALUE IDC Tool

- Excellent value for money
- Punch down tool for terminating into Cat. 5 patch panels with IDC blocks



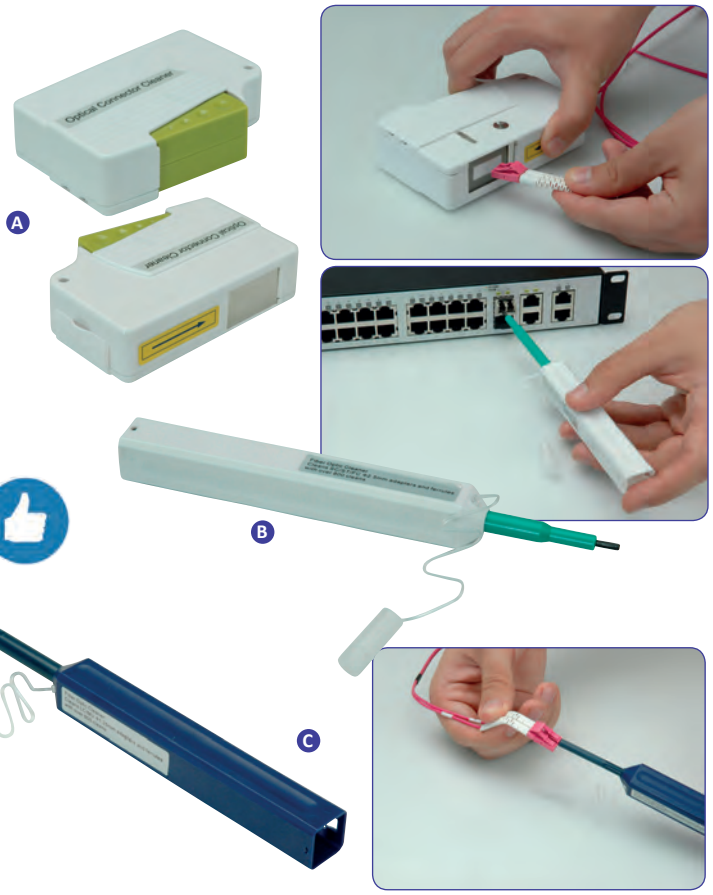
| | Order-No. – P.U. |
|---|---|
| VALUE IDC Tool | 25.99.8799 – 20 |

## VALUE Fibre Optic Universal-Cleaning Products

**13.99.3005 - VALUE Fibre Optic Universal Claening Cassette**
- Application range: can be used for any optical fiber cables plug type independently
- The cassette cleaner wipes away contaminants from optical connector end face
- Designed for all types of connectors
- Compact size for easy hand-held operations
- Dry-clean without the use of harmful substances
- Cleaning micro fibers are densely stranded and debris free
- Constructed with anti-static material
- Up to 500 cleanings per unit possible
- Contents: 100 Cleaning-Tissues

**13.99.3006 - VALUE Fibre Optic Cleaning Pen for SC Plug, 2.5mm**
- Ergonomic and comfortable design for cleaning SC connections
- Consistent cleaning results due to its precise mechanical action
- Economical solution with up to 800 endface cleanings in one unit possible
- Cleans both APC and UPC connectors
- Effective on a variety of contaminants, including: Dust / Lint / Oil / Grease

**13.99.3007 - VALUE Fibre Optic Cleaning Pen for LC Plug, 1.25mm**
- Ergonomic and comfortable design for cleaning SC connections
- Consistent cleaning results due to its precise mechanical action
- Economical solution with up to 800 endface cleanings in one unit possible
- Cleans both APC and UPC connectors
- Effective on a variety of contaminants, including: Dust / Lint / Oil / Grease




| | | Order-No. – P.U. |
|---|---|---|
| VALUE Fibre Optic Cleaning Cassette | A | 13.99.3005 – 5 |
| VALUE Fibre Optic Cleaning Pen for SC Plug, 2.5mm | B | 13.99.3006 – 5 |
| VALUE Fibre Optic Cleaning Pen for LC Plug, 1.25mm | C | 13.99.3007 – 5 |
| VALUE Fibre Optic Cleaning for MPO Plug | D | 13.99.3013 – 5 |

## Portable Laser Fiber Optic Checker Pro

For the quick test of Fibre Optic cables.
- Sends a visible (650 nm) strong laser signal through the cable- braking points become transparent by a visible light in the area of the damage
- Universal-connector can be used with common connector types (ST, SC, FC and others)
- Reversibel between continuous and pulsing ray
- Both Multi-mode and Single-mode distances suitable
- Batteries (not included in delivery): 2x Mignon (AA) 1.5V (LR06)



| | Order-No. – P.U. |
|---|---|
| Portable Laser Fiber Checker Pro | 13.99.3011 – 25 |

## ROLINE Precision Ratchet Screwdriver Set, 9-in-1

**Mobile screwdriver set for the vest pocket - equipped with the most important slotted and Philips bits for general applications on the go.**
- Slotted and Phllips chrome vanadium bits for general purpose applications
- Precision Ratchet
- Convenient bit storage in handle
- Handy pocket clip design
- Secure grip
- Ideal for glasses, jewelery, watches, hobby works and the most mobile applications
- Dimensions: 60 x 35 x 18mm (folded), 110 x 35 x 18mm (open)
- Contents: Handle, 9 pcs. bits: slotted 1.5mm, 2.0mm, 3.0mm, Phillips #00, #0, #1, T-bits T7, T8, T9




roline®
Designed for Professionals

| | Order-No. – P.U. |
|---|---|
| ROLINE Precision Ratchet Screwdriver Set, 9 in 1 | 19.06.1008 – 10 |

## Electronic Mini Screwdriver Set, 12-in-1

- This kit is perfect for technicians, do-it-yourself or anyone who needs to carry a useful precision tool while travelling
- High quality CRV steel material, with deluxe leather bag
- Ideal for repairing glasses, mobiles, electronic & computer or any precision equipment
- Contents:
  1 handle with fast chuck
  3 Philips screw bits PH000, PH00, PH0
  3 slotted screw bits 1.5, 2, 2.5 mm
  6 T-screw bits T5, T6, T7, T8, T9, T10





| | Order-No. – P.U. |
|---|---|
| Electronic Mini Screwdriver Set, 12-in-1 | 19.06.2032 – 20 |

## VALUE Laptop and Smartphone Repair Tool Kit, 24 Piecess

**24-piece tool set for precision work, e.g. for repairing smartphones, tablets, notebooks, cameras or game consoles.**

- Complete, comprehensive kit
- It includes the essential tools for the repair and refurbish market
- It allows the opening of Smartphones, Smartwatches, Tablets, Notebooks and other electronic devices such as video game consoles or cameras.

**Kit includes:**
Opening and prying tools
- 1x Precision Screwdriver
- 1x Suction Cup
- 2x Mini Pry Bar
- 1x Needle
- 1x Storage Box
- 1x Triangle Puller
- 1x 120mm Stainless Tweezer

- 16 Precision Bits
  - Philips: PH000,PH00, PH0, PH1
  - Slot:2.0
  - Torx: T4, T5, T6, T8, T10
  - Pentalobe: P2, P5, P6 (iPhone, Mac-Book Air, MacBook Pro))
  - HEX: H2.0
  - Triwing: TRI 0, TRI 1
- Contents: Repair Tool Kit, 24 pieces





| | Order-No. – P.U. |
|---|---|
| VALUE Laptop and Smartphone Repair Tool Kit, 24 Pieces | 19.99.2047 – 10 |

## VALUE Hexagon Socket Set, Ball Head, 9-in-1

**Mobile hexagon socket set for the vest pocket - equipped with the most important hexagon socket wrenches for most applications on the go.**

- Hexagon socket wrench in many sizes for general applications
- Ball heads for applications that are particularly difficult to access
- Convenient storage of keys in practical clip case
- Especially hard chrome vanadium steel for reliable use
- Size declaration in clip case
- Contents: clip case, nine Allen keys (1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm, 10mm)



| | Order-No. – P.U. |
|---|---|
| VALUE Hexagon Socket Set, Ball Head, 9-in-1 | 19.99.1008 – 10 |

## VALUE Insulated Electrical Screwdriver Set - 7 Pieces

**7-piece screwdriver set in yellow/red for electricians - with full insulation up to the tip for safe handling in critical situations**

- Each Screwdriver has an insulated blade and whole grip
- Contoured cushion grip handles
- Heat treatment, high hardness, good toughness and resistence
- Includes:
  - Slotted blade 3x75mm, 5x100mm, 5.5x125mm, 6.5x150mm
  - 3 Philips blade #0x60mm, #1x80mm, #2x100mm
- Magnetic drive tips



| | Order-No. | P.U. |
|---|---|---|
| VALUE Insulated Electricion Screwdriver Set - 7 Pieces | 19.99.1009 | 8 |

## Precision Pliers + Screwdriver Set, 19-piece

- This kit is perfect for technicians, do-it-yourself or anyone who needs to carry a useful precision tool while travelling
- High quality CRV steel material, with deluxe bag in grey and black colour
- Ideal for repairing glasses, mobiles, electronic & computer or any precision equipment

**• Contents:**
- 1 long long-nose plier
- 1 long-nose plier
- 1 angled long-nose plier
- 1 flat-nose plier
- 1 crusher
- 1 wire cutting plier
- 1 tweezer
- 3 Philips screwdrivers PH00 x50 mm, PH0 x50 mm, PH1 x50 mm
- 3 slotted screwdrivers 2 x50 mm, 2,5 x50 mm, 3 x50 mm
- 6 torx screwdrivers T6 x50 mm, T7 x50 mm, T8 x50 mm, T9 x50 mm, T10 x50 mm, T15 x50 mm



| | Order-No. | P.U. |
|---|---|---|
| Precision Pliers + Screwdriver Set, 19-piece | 19.06.2033 | 20 |

## VALUE Portable Digital Flexible Inspection Camera with LCD Monitor

**Ideal for detailed visual inspection in tight places, in automotive maintenance, electrical repair, plumbing applications, and the visual inspection of otherwise inaccessible or hard-to-reach areas.**

- Easy to use, lightweight, handhold design
- A unique way of winding facilitates users operation
- Flexible cable can be bent into many shapes to fit into unreachable areas
- Waterproof camera head and cable withstand wet environments
- Approx. 11cm (4.3“) LCD screen makes the visual inspection clearer and easier
- High-quality CMOS sensor resolution is 640x480 pixels
- Optical lens view angle is 45±5°
- Probe diameter is 8mm
- Waterproof IP67 (camaera head + tube)
- Camera head can be equiped with three accessories including magnetic tip, mirror tip and hook
- Powered by 4x AA batteries (not included in the package)

**Technical Data**
- Diameter Of Camera Head: Ø8mm
- Image Sensor: 1/9“,CMOS
- Effective Pixel: 640 x 480pixels
- Horizontal Viewing Angle: 50±5°
- Waterproof Level: IP67
- Display Size: 4.3“ TFT LCD monitor
- Image Zoom: 2x variable digital zoom
- Interface: TV out
- Power Supply: 4AA Batteries (not included)
- Power consumption: 1.5W(max.)





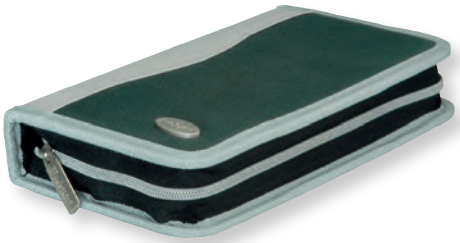


| | Order-No. | P.U. |
|---|---|---|
| VALUE Portable Digital Flexible Inspection Camera with LCD Monitor | 13.99.3008 | 5 |

## Electronic Precision Tool-Kit

- All the necessary tools in a mini zipper bag (245 x 140 x 40 mm)
- The right equipment wherever you are

- Contents:
- 2 Precision screwdrivers: 2.0x50, 2.4x 50
- 2 Precision Philips screwdrivers: #100x50, #0x75
- 2 Screwdrivers: slot: 5x100, Philips: 1x100
- 2 Pliers: side cutter (127 mm), long nose (152 mm)
- 1 Tweezer: Fine tip straight (120 mm)
- 1 Sliding magnifier
- 1 Flash light





| | Order-No. – P.U. |
|---|---|
| Electronic Precision Tool-Kit | 19.06.2029 – 30 |

## Precision Tool Kit, 73 pieces

- Ideal for opening, refurbishing, repairing Smartphone, PAD, notebook, camera and video games.
- Complete, comprehensive kit
- It includes the essential tools for the repair and refurbish market
- It allows opening of tablets, notebooks, electronic device cases such as Apple, HTC, Samsung, Sony etc.

**Kit includes:**
Opening and prying tools
- Prying Paddle 30.5x30.5x30.5mm
- Opening Lever (POM) 88.7mm
- Opening Lever (POM) 84.4mm
- Suction Cup diameter: 36mm
- Point-Blade Solder Aid Tools (155mm)
- Solder Aid Tools (140mm)
- Fork-Blade Solder Aid Tools (173mm)
- Double-end Metal Spudger (185mm)
- Metal spudger tool (123x12mm)
- Tweezers: super fine tip straight 120.5 mm / fine tip curved 120.5 mm / super fine tip straight 120.5 mm
- Static protection tools: Wrist Strap 3m, to avoid sensitive electronic components, from electrostatic damage
- Lineal
- Precision Knife
- Tool bag (233x150x55 mm)

- 58pcs driver Kit:
42pcs/ 4.0x28 mm,
AISI 8660 Cr-Mo-V steel (- #000, #00, #0, #1, #2 /- 1.0, 1.3, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0 mm /- T3, T4 /- T5H, T6H, T7H, T8H, T9H, T10H, T15H, T20H /- 0.7, 0.9, 1.3, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0 mm /- #0, #1, #2 /- 3.0 mm /- #0, #1 /- 3.0 mm /- Pentalobe: P2, P5, P6 (iPhone, MacBook Air, MacBook Pro))
6 pcs 4.0x30 mm, material: 50BV30 Cr-V steel (- 2.5, 3.0, 3.5, 4.0, 4.5, 5.0 mm)
5 pcs diam. 6.3x25mm, material: AISI 6150 Cr-V steel (- #2, 6.0 mm, 4.5, 5.0, 6.0 mm)
2 pcs diam. 6.3x38mm, material: AISI 6150 Cr-V steel (Torx plus socket, TS3.8, TS4.5)
1 pcs diam. 4.0mm to diam. 1/4“ adaptor 50 mm
1 pcs diam. 4.0x125mm extension bar
1 pcs TPR non-slip handle



| | Order-No. – P.U. |
|---|---|
| Precision Tool Kit, 73 pieces | 19.06.2047 – 8 |

## Electronics Master Kit

- Ideal for electronic / electric telecommunications and computer service workers

- **Contents:**
- 127 mm side cutter
- 127 mm long nose plier
- 114 mm bent nose plier
- 152 mm side cutter
- 152 mm long nose plier
- 203 mm combination plier
- 241 mm water pump plier
- 241 mm crimping tool
- 6 pcs. precision screw drivers
- Duplex colour screw drivers: Phillips: 3x75, 5x, 6x100, 6x38 mm / slotted: 3x75, 5x, 6x100, 6x38 mm / Nut: 5 mm, 6 mm
- Testing driver
- Alignment driver
- Utility knife
- 152 mm tweezer
- IC Extractor
- 7 pcs. Folding type hex key wrench
- Brush
- 3 prong holder
- Flash light
- Inspection mirror
- 6 pcs. Open-end wrench set
- 152 mm stainless scissors
- 5 pcs. File set
- 152 mm adjustable wrench
- 3 pcs. soldering aid kit
- Utility component storage box
- Carpenter hammer
- Oil can
- Parts tube
- Heat sink
- 3.3 m measuring ruler
- Solder wick
- Soldering iron stand
- Solder core
- Desoldering pump
- 30 W ceramic 3 way soldering iron
- 2 pcs. removable pallets
- Tool-carrying case (456 x 330 x 105 mm)
- Lockable



| | Order-No. – P.U. |
|---|---|
| Electronics Master Kit | 19.06.2045 – 2 |

## Computer Tool Case, 61-piece

**Ideal for electronic / electric telecommunications and computer service workers**
It includes all the most frequently need to repair or maintenance computer or TV, radio set and other electronic equipments.

**• Contents:**
- 25 Watt soldering iron
- Soldering iron stand
- 15 gr. solder
- Vacuum desoldering tool
- Fine point/cutting probe
- 3-prong retriever
- IC inserter/extractor
- Crimping tool wire cutter stripper
- Inspection mirror
- 102 mm precision long-nosed pliers
- 89 mm precision diagonal cutting pliers
- Screwdriver handle w/nut driver head
- 6 mm
- Philips bit: #1, #2, #3
- Slotted bit: 4 mm, 5 mm, 6 mm
- Hex bit: 1.5 mm, 2 mm, 2.3 mm, 3.1 mm, 4 mm
- T-Bit: T5, T8, T10, T20
- Nut-driver: 6 mm, 5 mm, 5.5 mm, 7.9 mm, 7.1 mm
- Precision screwdriver Philips: #0
- Slot: 3.1 mm
- Magnetic telescoping P/U tool
- Stainless tweezers
- Stainless clamp on tweezers
- Snap-Blode knife
- Parts tube
- Part box
- 20 ties



| | Order-No. – P.U. |
|---|---|
| Computer Tool Case, 61-piece | 19.06.2040 – 7 |

## PC Troubleshooting Tool Set, 145-piece

This tool case is perfect for the computer, electronics and do-it-yourselfer.
It includes all the most frequently need to repair or maintenance computer or TV, radio set and other electronic equipments.

**• Contents:**
- 3 way ratcher driver with storage
- Hollow star bits: T-8H, T-10H, T-15H, T-20H, T-25H, T-27H, T-30H, T-35H, T-40H
- Hex key set: 2 mm, 2.4 mm, 2.8, 3.2 mm, 3.6 mm, 4 mm
- Metric hex key set: 2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm, 6 mm
- Spanner set: 4, 9, 8, 10
- Tri-wing set: 1, 2, 3, 4
- Torq set: 6, 8, 10
- Solid star bit: T-8, T-10, T-15, T-20, T-27
- #1 pozidriver bit
- #4 and #6 slotted bits
- #1 Philips bit
- Square bit: 50, 51, 52, 53
- Nutdriver socket adapter
- Bit holder
- 5-pc. nutdriver set: 4.7 mm, 6.4 mm, 7.9 mm, 8.7 mm, 9.5 mm
- 5-pc. metric nutdriver set: 6mm, 7mm, 8mm, 9mm, 10mm
- Tweezers
- Pen knife
- Needle nose pliers
- Diagonal cutting pliers
- 6-pc. precision screwdriver set.
- Insulted chip extractor
- 3 pronged parts retriever
- Magnetic telescope picking up tool
- Flash light
- Wire strippers
- Deluxe wire strippers
- PC board brush
- Electrical PCV tape
- Soldering iron
- Solder remover
- Solder wire
- Solder stand
- Metal hammer with rubber
- 9 wrenches
- Mini vacuum cleaner witch accessories
- 1 scalpel
- 20 cable ties
- 1 set with cable terminal attachments



| | Order-No. – P.U. |
|---|---|
| PC Troubleshooting Tool Set, 145-piece | 19.06.2031 – 5 |

## LAN Master Engineers Tool Kit, 58-piece

**Ideal for electronic / electric telecommunications and computer service workers**

It includes all the most frequently need to install, repair or maintenance LANs, computer or TV, radio set and other electronic equipments.

**Kit includes:**
- Fine tip straight tweezer
- Side cutter 125 mm
- Long nose plier 138 mm
- RJ-45 die set
- RJ-11 die set
- RG-58, RG-59/62, BNC/TNC die set
- RJ-22 die set
- RG-58, RG-59/62 AU BNC/TNC die set
- Supercrimp crimp tool frame
- Spring hook
- Desoldering pump
- Adjustable wrench 152 mm
- Quick heat ceramic soldering iron 110V or 220V
- Straight forceps 152 mm
- Round cable cutter
- Wire stripper tool
- Screwdriver 5 mm
- Screwdriver 6 mm
- Screwdriver #3.2x75 mm
- Screwdriver #0x75 mm
- Screwdriver #5x75 mm
- Screwdriver #1x75 mm
- Screwdriver #2x100 mm
- Desoldering wick
- Precision wire stripper
- Punch down tool with 110/66 blades
- UTP/STP cable stripper
- Utility




| | Order-No. – P.U. |
|---|---|
| LAN Master Engineers Tool Kit, 58-piece | 19.06.2049 – 1 |

## Cable Ties / Cable Tie Installation Tool

- Range of cable ties suitable for general cabling use in all indoor or outdoor applications
- Available in 4 different length (15 cm, 25 cm, 30 cm, 44 cm) and 2 different width (3.7 mm, 4.8 mm)
- Additional description field (suitable only for 19.08.3276)
- Polybag with 100 pieces each







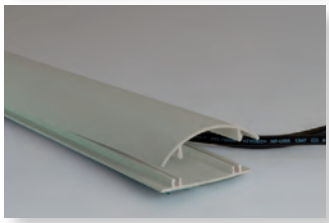
**Installation Tool**
- Tool operation: actuate trigger until cut-off occurs. Cut-off depends on the tension setting selected

| | Order-No. | P.U. |
|---|---|---|
| Cable Tie, 3.7 mm, angled, 15 cm | 19.08.3270 | 200 |
| Cable Tie, 4.8 mm, angled, 25 cm | 19.08.3272 | 100 |
| Cable Tie, 4.8 mm, 44 cm | 19.08.3274 | 60 |
| Cable Tie, 4.8 mm, with description field, 30 cm | 19.08.3276 | 80 |
| Cable Tie Gun | 19.06.1000 | 20 |

## VALUE Cable Tunnel Organizer

- Ideal for cable management
- Applicable for all computer cables
- Stable and resistant material, ideal use as a floor cable tunnel
- Bottom of tunnel has pressure sensitive tapes
- Color: Dark grey
- Dimensions (LxW): 100 cm x 6 cm
- Content: 1 cable-tunnel





| | Order-No. | P.U. |
|---|---|---|
| VALUE Cable Tunnel Organizer, Closed, 6 cm x 100 cm | 19.99.3235 | 20 |

## VALUE Strap Cable Binder with Flap

**VALUE cable ties for simple, fast and flexible cable management - thanks to the detachable strap fastener, cable routing can be adjusted at any time**

- Easy to close and reopen
- Neutral and without logos for unobtrusive use
- Ideal for sensitive cables and also for thicker cable harnesses
- Low pressure load on the cable bundle and therefore also ideally suited for fiber optic cables
- Reusable straps with flap
- 15cm length
- 20 pieces per package
- Contents: 20 strap cable ties



| | Order-No. | P.U. |
|---|---|---|
| VALUE Strap Cable Binder with Flap, black, 15 cm, 20 pieces/set | 25.99.5240 | 10 |

## VALUE Strap Cable Tie Roll, Width 10mm

NEW

**VALUE Strap tape roll with 10mm width and 25m length for clear cable routing - can be cut to size as required and can therefore be adapted for thin or thick cable strands depending on the application**

- Easy to close and reopen
- Neutral and without logos for unobtrusive use
- Ideal for sensitive cables and also for thicker cable harnesses
- Very low pressure load on the cable bundle and therefore also ideally suited for LWL / fiber optic cables
- The length of the cable tie can be cut according to requirements
- 10mm width and 25m length
- Contents: 1x VALUE strap band on roll, 10mm wide, 25m long



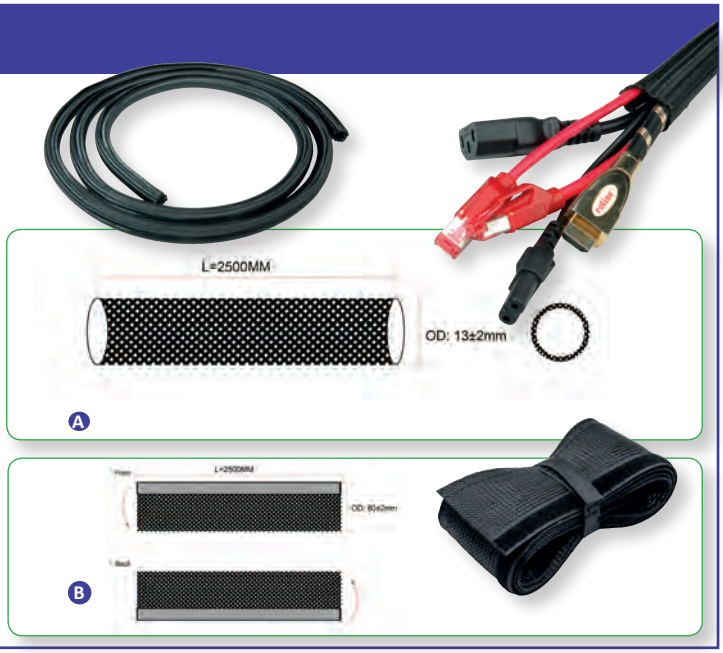
| | Order-No. | P.U. |
|---|---|---|
| VALUE Strap Cable Tie Roll, Width 10mm, black, 25m | 25.99.5250 | 5 |
| Strap Cable Tie Roll, Width 10mm, green, 25m | 25.99.5251 | 5 |
| Strap Cable Tie Roll, Width 10mm, yellow, 25m | 25.99.5252 | 5 |
| Strap Cable Tie Roll, Width 10mm, red, 25m | 25.99.5253 | 5 |
| Strap Cable Tie Roll, Width 10mm, blue, 25m | 25.99.5254 | 5 |

## ROLINE PVC Cable Conduit, Self Closing / Strap Closing

**Simple and clean solution for professional cable management**

- No more cable clutter under, next to or behind the workstation, TV or stereo system
- The self-rolling ROLINE polyester fabric hose solves your problem and can be attached easily and practically.
- Simply put over the cables to be bundled- without any feeding aid or tools
- No cables or plugs have to be dismantled.
- Fabric hose can be cut to the desired length and bundles cables up to 25mm diameter.
- Protects your cable and is heat resistant

roline®
Designed for Professionals




| | | Order-No. | P.U. |
|---|---|---|---|
| ROLINE PVC Cable Conduit, Self Closing, black, 2.5 m | A | 19.08.3160 | 10 |
| ROLINE PVC Cable Conduit, Strap Closing, black, 2.5 m | B | 19.08.3161 | 10 |



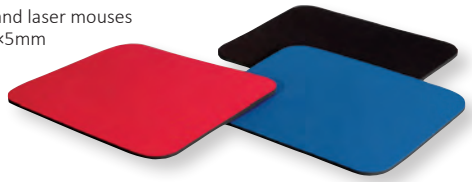
# Office Equipment / Consumables

9


Mouse Pads . . . . . 9.02
Wristrests . . . . . 9.02
VESA Adapters . . . . . 9.03
LCD Monitor Arms / Mounts . . . . . 9.04 – 9.11, 9.20
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Monitor Stand . . . . . 9.18 – 9.19
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Printer Tables . . . . . 9.21
PC Workstations . . . . . 9.20, 9.21, 9.22
Cleaning Sets . . . . . 9.22

## Mouse Pad, Cloth

- Optimal use on smooth surfaces
- Upper layer: Nylon cloth
- Optimized for optical and laser mouses
- Dimensions: 255×215×5mm
- Colour: Black



| | Order-No. | P.U. |
|---|---|---|
| Mouse Pad, Cloth, black | 18.01.2040 | 50 |
| Mouse Pad, Cloth, blue | 18.01.2041 | 50 |
| Mouse Pad, Cloth, red | 18.01.2042 | 50 |

## Laser Mouse Pad

- Mouse pad for optical mice, ideal also for laser mice
- Ultra flat and anti slip surface
- Dimensions: 220 x 180 x 0.4 mm
- Note: Mouse is not included in delivery



| | Order-No. | P.U. |
|---|---|---|
| Laser Mouse Pad, blue | 18.02.2005 | 200 |
| Laser Mouse Pad, black | 18.02.2006 | 200 |

## ROLINE Soft Gaming Pad, Leather Imitation

**Perfectly sized mousepad for mobile applications, e.g. when you just work with your Notebook or at a workstation - the leather-like surface gives the mousepad a great look and makes it very durable!**

- Designed for professional gamers and office environments
- Provides excellent gliding of the mouse
- Natural rubber base for maximum grip on any surface
- Excellent performance for laser and optical mice
- Material: Surface: high performance textile surface / Base: nature rubber
- Colour: Black
- Dimensions: 220 x 180 x 3mm





| | Order-No. | P.U. |
|---|---|---|
| ROLINE Soft Gaming Pad, Leather Imitation, black | 18.01.2046 | 20 |

## ROLINE Notebook Combo Mousepad (280x160x0.5mm)

**Perfect fit between most Macbooks, Ultrabooks, Notebooks/Laptops - suitable for cleaning your display/device, as a mousepad and to protect the Notebook keyboard from dirt and dust!**

- Designed for professional gamers and office environments
- Provides excellent gliding of the mouse
- Natural rubber base for maximum grip on any surface
- Excellent performance for laser and optical mice
- Material: Surface: high performance textile surface / Base: nature rubber
- Colour: Black

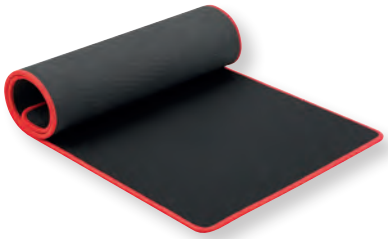


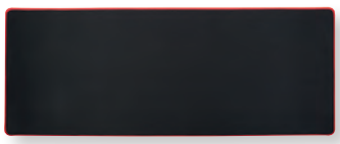
| | Order-No. | P.U. |
|---|---|---|
| ROLINE Notebook Combo Mousepad (280x160x0.5mm), black | 18.01.2047 | 20 |

## ROLINE Desk Pad, Keyboard and Mouse Pad

**The perfect desk pad - big enough for keyboard and mouse, it has a rubberized underside and a silky smooth surface for precise, low-friction movement.**

- Excellent sliding ability for the mouse, enough space for the keyboard
- Particularly fine weave of the surface textile for high speed and high accuracy
- Rubberized underside for maximum grip on any surface
- Good wrist support- low height difference between mat and desk
- Highest performance for laser and optical mice
- Red decorative seam as edge protection
- Material: Top side: Special high-performance textile / Underside: Rubberized
- Dimensions: 780 x 300 x 5 mm
- Color: Black / Red





| | Order-No. | P.U. |
|---|---|---|
| ROLINE Desk Pad, Keyboard and Mouse Pad | 18.01.2048 | 25 |

## Silicon Mousepad with Wristrest, transparent blue

- During work with your Mouse your wrist can rest on the integrated Palmrest
- The silicon filling will adapt itself to your wrist, effective support will help you in giving you a relaxed feeling once working with your mouse
- Colour: transparent blue
- Dimensions: 227 x 250 x 22 mm
- Note: Mouse is not included in delivery

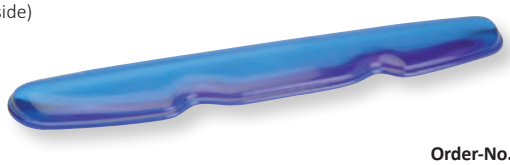


| | Order-No. | P.U. |
|---|---|---|
| Silicon Mousepad with Wristrest, transparent blue | 18.01.2029 | 24 |

## Silicon Wrist Pad for Keyboard, transparent blue

- Great outcome for frequent PC users; it will reduce the danger of RSI (Repetitive Strain Injury)
- The silicon filling will adapt itself to your wrist, effective support will help you in giving you a relaxed feeling once working with your keyboard
- Suitable for all current keyboards (with straight side)
- Colour: transparent blue
- Dimensions: 455x80x22 mm





| | Order-No. | P.U. |
|---|---|---|
| Silicon Wrist Pad for Keyboard, transparent blue | 18.02.3033 | 20 |

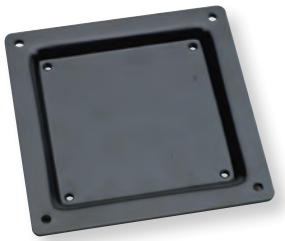
## ROLINE VESA Adapter

**• 17.03.1100/17.03.1102:**
• Accommodates standard VESA 100 compliant monitors (100 x 100 mm resp. 100 x 200 mm) to mounting systems with VESA 75 (75 x 75 mm)

**17.03.1106:**
• Accommodates monitors with standard VESA 100, 200 (100 x 200 and 200 x 200 mm) to mounting systems with VESA 100 (100 x 100 mm)
• Variable adjustable

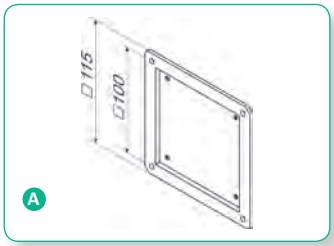
**17.03.1103:**
• Accommodates monitors with standard VESA 400, 200 (400 x 400 mm) to mounting systems with VESA 100 (100 x 100 mm)
• Variable adjustable

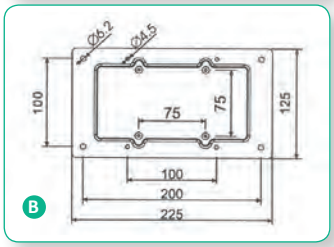
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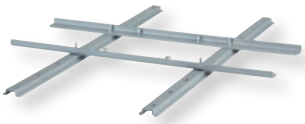








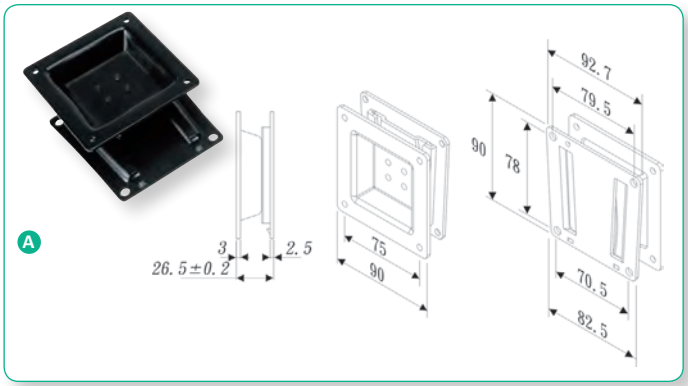



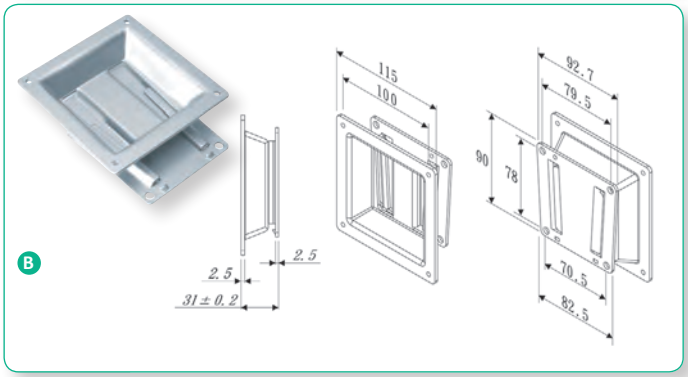




| | | Order-No. | – P.U. |
|---|---|---|---|
| ROLINE VESA Adapter, black | A | 17.03.1100 | – 50 |
| ROLINE VESA Adapter 75x75 to 100x100/100x200, black | B | 17.03.1102 | – 20 |
| ROLINE VESA Adapter 100x100-100x200/200x200, variable, silver | | 17.03.1106 | – 20 |
| ROLINE VESA Adapter 100x100-400x400, variable, silver | C | 17.03.1103 | – 20 |

## ROLINE LCD Monitor Wall Mount Kits

• Space saving mounting of monitor on Walls
• VESA 75 fixation




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| Technical data: | 17.03.1180 | 17.03.1181 |
|---|---|---|
| Load capacity: | 1-20 kg | 1-20 kg |
| VESA: | 75x75 mm | 100x100 mm |

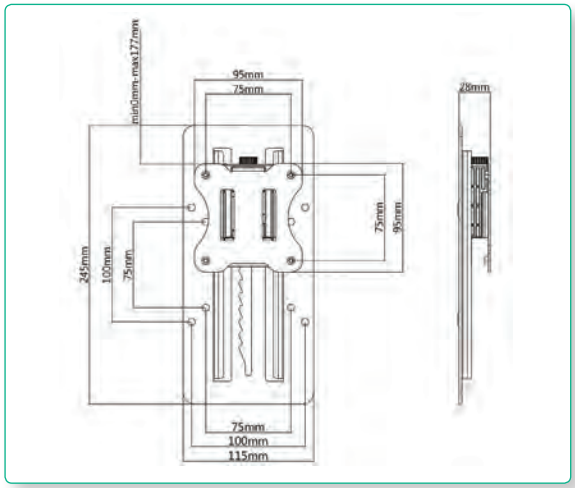
| | | Order-No. | – P.U. |
|---|---|---|---|
| ROLINE LCD Monitor Wall Mount Kit, -20 kg, VESA 75 | A | 17.03.1180 | – 25 |
| ROLINE LCD Monitor Wall Mount Kit, -20 kg, VESA 100 | B | 17.03.1181 | – 25 |

## ROLINE Vertical VESA Adjustment Plate

• Perfect option to add more **VERTICAL** adjustability (15 cm mobility to go up and down) to an existing monitor mount
• Track-mounted monitor holder
• Easy installation on most monitor mounts with standard VESA plates (75mm x 75mm/100mm x 100mm)
• The toothed track keeps the adjustment smooth and stable
• Maximum load up to 8 kg

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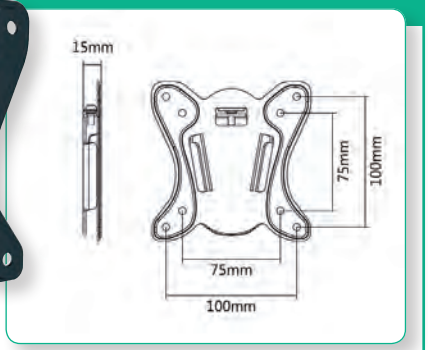



| | Order-No. | – P.U. |
|---|---|---|
| ROLINE Vertical VESA adjustment plate | 17.03.1101 | – 16 |

## VALUE LCD Monitor Wall Mount Kit

- Space saving and solid mounting of a monitor on walls
- Easy to mount with sliding bracket design (2 pieces)- one piece has to be fixed to the wall, the other one has to be screwed with VESA on the monitor
- Slim design, just 15mm from the wall
- Monitor has to be mount from the upside into the wall mount
- Meets with VESA 75 (75 x 75 mm) or VESA 100 (100 x 100 mm)
- Load capacity: 25 kg






| | Order-No. – P.U. |
|---|---|
| VALUE LCD Monitor Wall Mount Kit | 17.99.1141 – 10 |

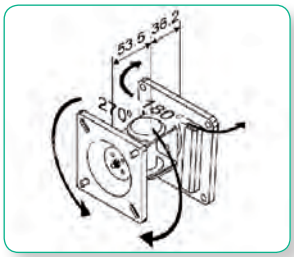
## VALUE LCD Monitor Wall Mount Kit

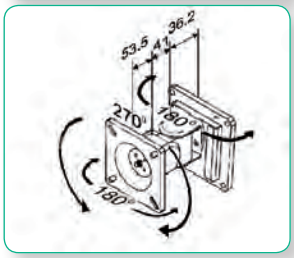
- For screen sizes: 36 cm up to 61 cm
- Weight capacity: up to 15 kg
- Tiltable: 160° up or down
- Swiveling (Pivot function): 270°
- Meets VESA standard VESA 75 (75x75 mm) and VESA 100 (100x100 mm)
- Material: Cold steel construction
- Colour: Black

| Technical data: | 17.99.1120 | 17.99.1121 |
|---|---|---|
| Fixing: | wall mount | wall mount |
| Load capacity: | 15 kg | 15 kg |
| Screen size: | 36 cm up to 61 cm | 36 cm up to 61 cm |
| Pivot function: | 270° | 270° |
| Tiltable up or down: | 160° | 180° |
| Rotatable right or left: | - | 180° |
| Arm length: | up to 90 mm | up to 130 mm |

A





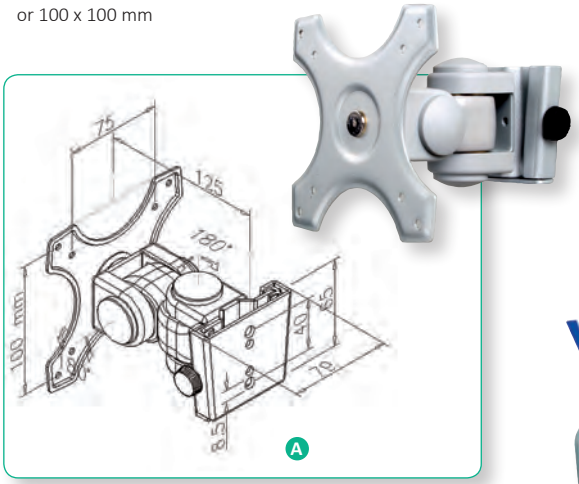

B



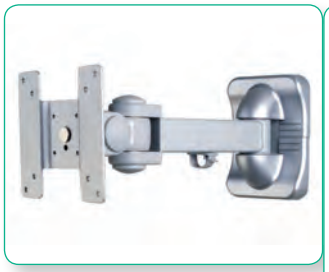
| | Order-No. – P.U. |
|---|---|
| VALUE LCD Monitor Wall Mount Kit, 1 Joint | A 17.99.1120 – 10 |
| VALUE LCD Monitor Wall Mount Kit, black, 2 Joints | B 17.99.1121 – 10 |

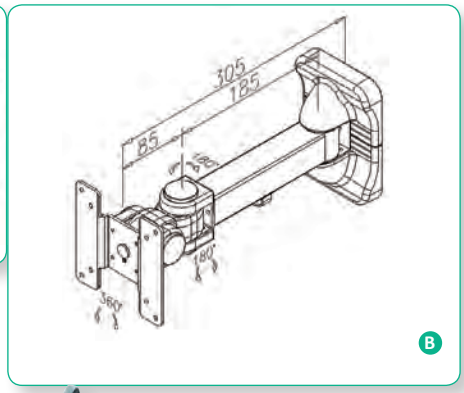
## VALUE LCD Monitor Wall Mount Kit

- Space saving and solid mounting of a monitor on walls
- Screen can be swiveled, tilted and rotated
- Easy to mount with sliding bracket design
- Meets with VESA 75 x or 100 x 100 mm



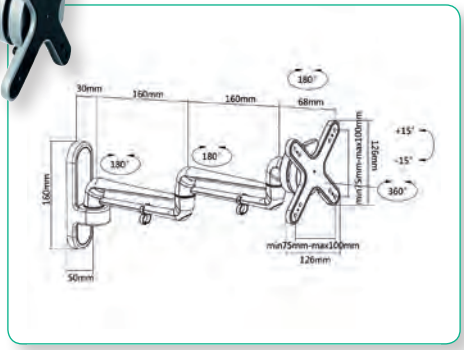

A






B






C

| Technical data: | 17.99.1125 | 17.99.1126 | 17.99.1129 |
|---|---|---|---|
| Fixing: | wall mount | wall mount | wall mount |
| Load capacity: | up to 8 kg | up to 10 kg | up to 15 kg |
| Pivot function: | yes | yes | yes |
| Arm length: | 10 cm | 30 cm | 41.8 cm |

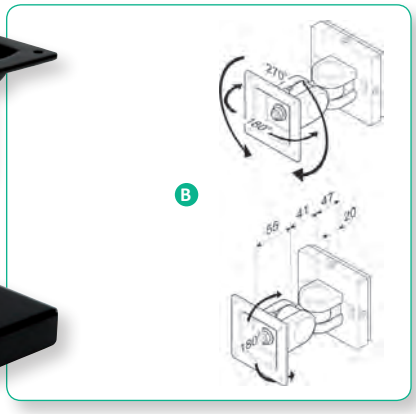
| | Order-No. – P.U. |
|---|---|
| VALUE LCD Monitor Wall Mount Kit, 2 Joints | A 17.99.1125 – 12 |
| VALUE LCD Monitor Wall Mount Kit, 3 Joints | B 17.99.1126 – 6 |
| VALUE LCD Monitor Wall Mount Kit, 5 Joints | C 17.99.1129 – 5 |

## ROLINE LCD Monitor Wall Mount Kit

- Space saving mounting of monitor on walls
- VESA 75 (75 x 75 mm) fixation
- Inclination adjustable over joints
- Pivot function: 270°

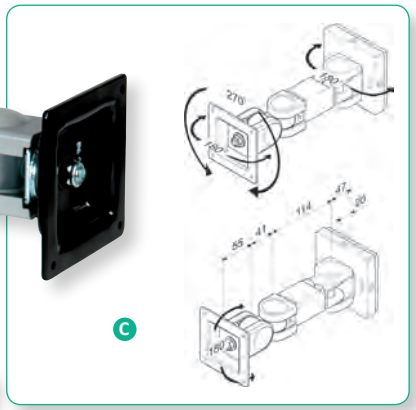





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| Technical data: | 17.03.1124 | 17.03.1125 | 17.03.1126 | 17.03.1123 |
|---|---|---|---|---|
| Fixing: | wall mount | wall mount | wall mount | wall mount |
| Load capacity: | 1-6 kg | 1-8 kg | 1-6 kg | 1-6 kg |
| Pivot function: | 270° | 270° | 270° | 270° |
| Arm length: | 55 mm | 90 mm | 200 mm | 340 mm |

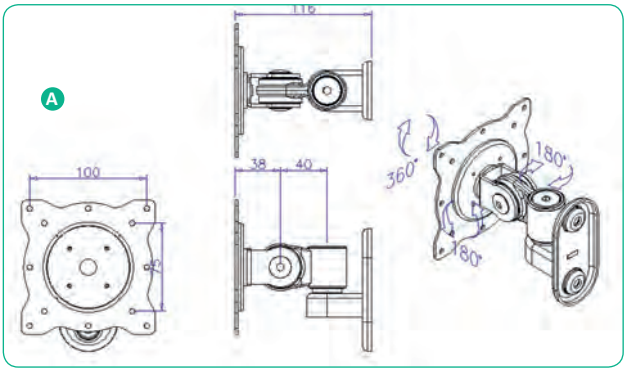
| | | Order-No. | – P.U. |
|---|---|---|---|
| ROLINE LCD Monitor Wall Mount Kit, 1 Joint | A | 17.03.1124 | – 12 |
| ROLINE LCD Monitor Wall Mount Kit, 2 Joints | B | 17.03.1125 | – 12 |
| ROLINE LCD Monitor Wall Mount Kit, 3 Joints | C | 17.03.1126 | – 12 |
| ROLINE LCD Monitor Arm Standard, Wall Mount, 4 Joints | | 17.03.1123 | – 6 |

## ROLINE LCD Monitor Arm, Wall Mount

**Swing- and tiltable wall mount for monitors and TVs!**

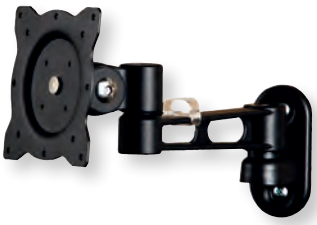
- Aesthetic design offers a pleasant environment
- Broad range of flexibility
- Quick and simple installation
- Rotation: 180° for portrait or landscape viewing (right & left)
- Meets VESA 75 (75 x 75 mm), VESA 100 (100 x 100 mm)
- Solid model made out of black painted iron
- Colour: black

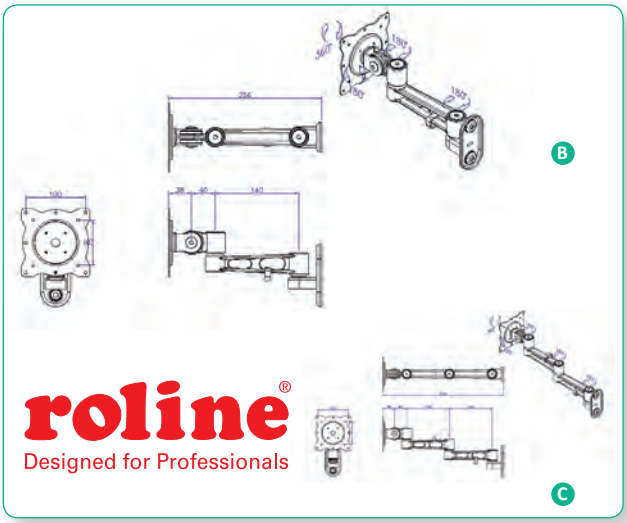











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| Technical data: | 17.03.1196 | 17.03.1197 | 17.03.1196 |
|---|---|---|---|
| Fixing: | wall mount | wall mount | wall mount |
| Load capacity: | 1-10 kg | 1-10 kg | 1-10 kg |
| Pivot function: | 180° | 180° | 180° |
| Number of pivots: | 3 | 4 | 5 |
| Tiltable up and down: | 80° | 80° | 80° |
| Arm length: | 116 mm | 256 mm | 395 mm |

| | | Order-No. | – P.U. |
|---|---|---|---|
| ROLINE LCD Monitor Arm, Wall Mount, 3 Joints, black | A | 17.03.1196 | – 4 |
| ROLINE LCD Monitor Arm, Wall Mount, 4 Joints, black | B | 17.03.1197 | – 6 |
| ROLINE LCD Monitor Arm, Wall Mount, 5 Joints, black | C | 17.03.1198 | – 6 |

## VALUE LCD Monitor Arm, Wall Mount, 6 Joints, Pivot

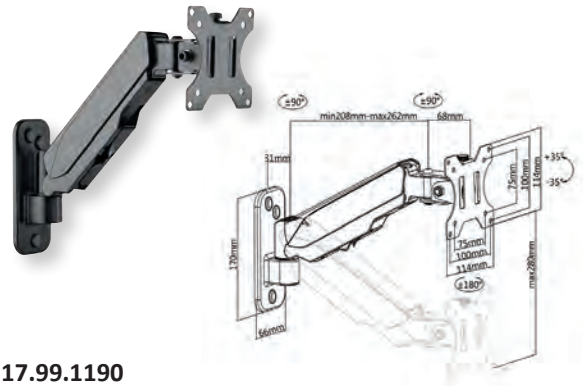
**LCD monitor arm, for easy and reliable adjustment of a monitor weighing up to 8kg and VESA 75 / 100!**

The Single LCD Arm makes your workstation more efficient and you gain more workspace.

- Designed for one monitor
- The aluminium arm is easy to adjust for swinging into any position
- The display can be tilted to any angle you need
- Spring assistant system easily adjusts the height of monitor
- Load capacity: up to 8 kg each monitor
- Meets VESA 75 (75 x 75 mm) or VESA 100 (100 x 100 mm)
- Arm length: up to 262 mm
- For wall mount

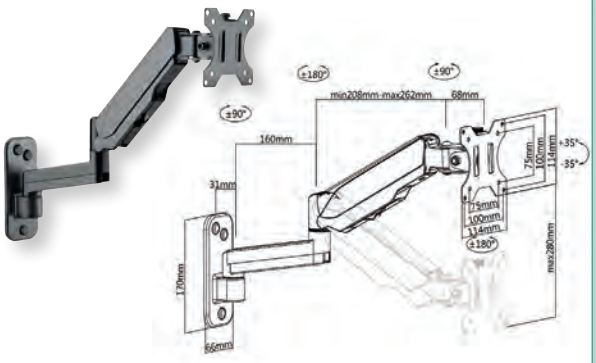
Video






17.99.1190

Video



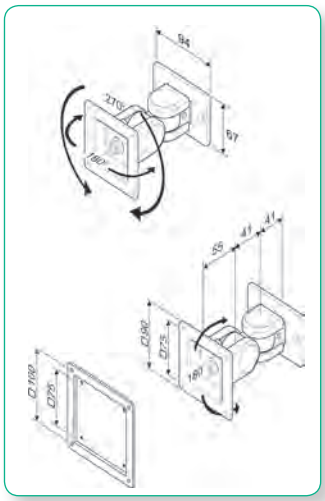

17.99.1191

| | Order-No. | – P.U. |
|---|---|---|
| VALUE LCD Monitor Arm, Wall Mount, 6 Joints, Pivot, black | 17.99.1190 | – 4 |
| VALUE LCD Monitor Arm, Wall Mount, 6 Joints, Pivot, black | 17.99.1191 | – 4 |

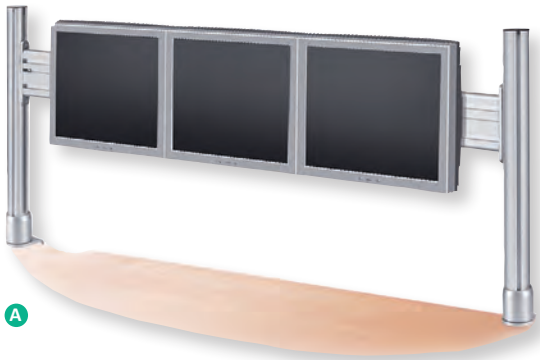
## ROLINE LCD Bridge, Desk Mount

- Post arm series suitable for sites where several monitors are required at the same time, such as financial institution, banking company, stock market, LAN system, IT communication company,(hospital), mainframe centre,building control centre and control tower, etc.
- Position of slot is adjustable to proper height
- Complete with cable organizer on the rear to route cables
- Wall mounting

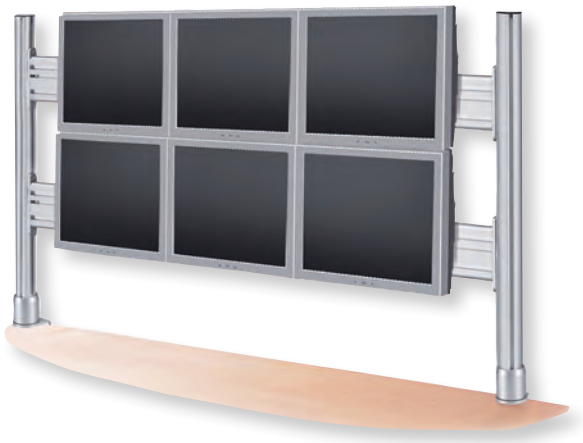
| **Technical data:** | **17.03.1163** | **17.03.1162** |
|---|---|---|
| Fixing: | desk clamp (15-70 mm) | desk clamp (15-70 mm) |
| Load capacity: | 36 kg | 50 kg |
| Length of bridge: | 1300 mm | 1300 mm |
| Particularities: | cable management | cable management |
| | **17.03.1165** | **17.03.1166** |
| Load capacity: | 1-8 kg | 1-14 kg |
| VESA standard: | VESA 75 | VESA 75/100 |
| Joints: | 2 | 2 |




C



A



B

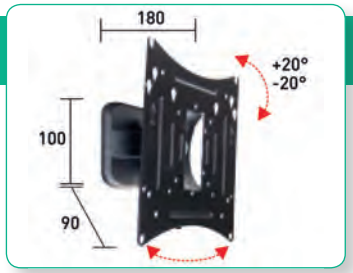
| | | Order-No. | – P.U. |
|---|---|---|---|
| ROLINE LCD Bridge for 1x3 56 cm LCD Monitors, Desk Clamp | A | 17.03.1163 | – 1 |
| ROLINE LCD Bridge for 2x3 56 cm LCD Monitors, Desk Clamp | B | 17.03.1162 | – 1 |
| ROLINE Monitorfixing for Bridge, up to 8 kg | C | 17.03.1165 | – 12 |
| ROLINE Monitorfixing for Bridge, up to 14 kg | C | 17.03.1166 | – 12 |



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## ROLINE LCD Monitor Arm, Wall Mount, 2 Joints





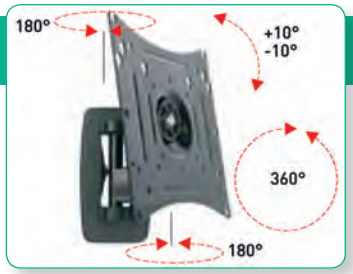

- Quick and simple installation
- Meets VESA 50/75/100/150/200x100/200
- Wall mount fixing
- Material: steel
- Colour: black

TV size: 25- 100cm (10“- 40“)
Load capacity: up to 20 kg
No. of pivots: 2
Max. arm length: 9 cm
Tiltable up and down: 20°

| | Order-No. | P.U. |
|---|---|---|
| ROLINE LCD Monitor Arm, Wall Mount, 2 Joints | 17.03.0005 | 1 |

## ROLINE LCD Monitor Arm, Wall Mount, 3 Joints





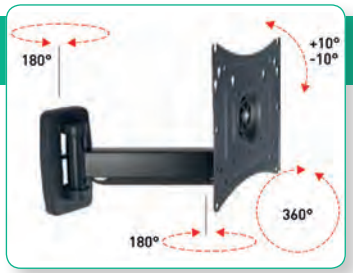

- Quick and simple installation
- Meets VESA 75/100/200x100
- Wall mount fixing
- Material: steel
- Colour: black

TV size: 25- 81 cm (10“- 32“)
Load capacity: up to 20 kg
No. of pivots: 5
Max. arm length: 12,2 cm
Tiltable up and down: 20°

| | Order-No. | P.U. |
|---|---|---|
| ROLINE LCD Monitor Arm, Wall Mount, 3 Joints | 17.03.0006 | 1 |

## ROLINE LCD Monitor Arm, Extra, Wall Mount, 3 Joints






- Quick and simple installation
- Meets VESA 75/100/200x100/180x120/200
- Wall mount fixing
- Material: steel
- Colour: black

TV size: 25- 100 cm (10“- 40“)
Load capacity: up to 25 kg
No. of pivots: 5
Max. arm length: 28 cm
Tiltable up and down: 10°

| | Order-No. | P.U. |
|---|---|---|
| ROLINE LCD Monitor Arm, Extra, Wall Mount, 3 Joints | 17.03.0007 | 1 |

## ROLINE LCD Monitor Arm, Wall Mount, 4 Joints



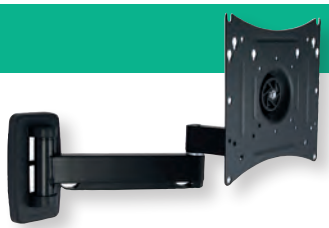


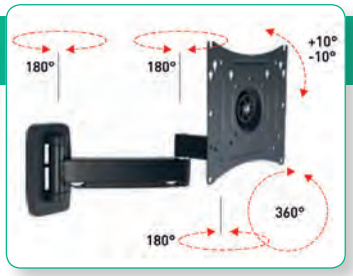
- Quick and simple installation
- Meets VESA 75/100/200x100
- Wall mount fixing
- Material: steel
- Colour: black

TV size: 25- 81 cm (10“- 32“)
Load capacity: up to 20 kg
No. of pivots: 4
Max. arm length: 43 cm
Tiltable up and down: 20°

| | Order-No. | P.U. |
|---|---|---|
| ROLINE LCD Monitor Arm, Wall Mount, 4 Joints | 17.03.0008 | 1 |

## ROLINE LCD Monitor Arm, Extra, Wall Mount, 5 Joints






- Quick and simple installation
- Meets VESA 75/100/200x100/180x120/200
- Wall mount fixing
- Material: steel
- Colour: black

TV size: 25- 100 cm (10“- 40“)
Load capacity: up to 25 kg
No. of pivots: 6
Max. arm length: 36 cm
Tiltable up and down: 10°

| | Order-No. | P.U. |
|---|---|---|
| ROLINE LCD Monitor Arm, Extra, Wall Mount, 5 Joints | 17.03.0009 | 1 |

## ROLINE LCD Monitor Stand Pneumatic, Wall Mount, Pivot

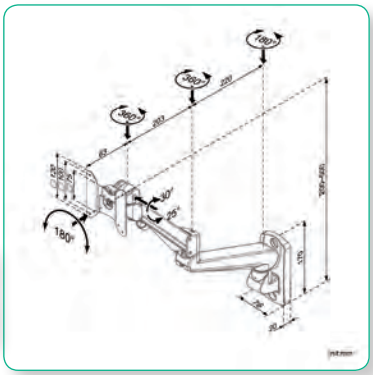
- Delicate and streamlined design
- Made of high quality aluminum alloy
- Gas spring integrated allows users to move the LCD panel in most positions at will
- Meets VESA 75 (75x75 mm) or VESA 100 (100x100 mm)
- Special feature: Pivot function- screen is 90 degrees rotatable
- Wall Mount
- A clever cable management is built into the rear arm

Specifications:
- Arm extension: ~ 486 mm
- Lift: 200 ~ 500 mm
- Monitor pivot: 180°
- Rotation: 360° (arm & display)
- Loading capacity: 3 ~ 8 kg

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| Technical data: | 17.03.1178 |
|---|---|
| Fixing: | wall mount |
| Load capacity: | 3 - 8 kg |
| No. of pivots: | 4 |
| Pivot function: | yes |
| Arm length: | up to 486 mm |
| Particularities: | gas spring, cable management |





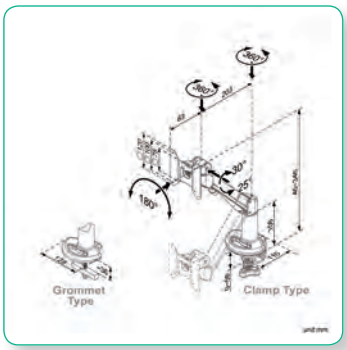
| | Order-No. | – P.U. |
|---|---|---|
| ROLINE LCD Monitor Stand Pneumatic, Wall Mount, Pivot, 2 Joints | 17.03.1178 | – 1 |

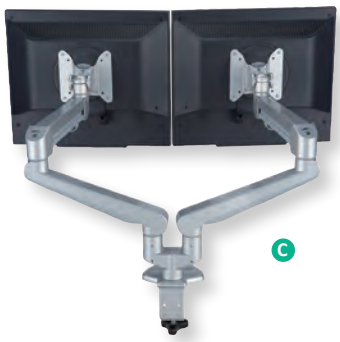
## ROLINE LCD Monitor Stand Pneumatic, Desk Clamp, Pivot

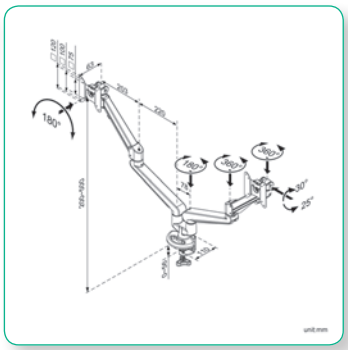
- These pneumatic LCD monitor arms allow you to adjust the monitor to the most comfortable viewing angle
- Arms provide up and down, left and right, front and back pivot and tilting capability
- Desk clamp mount (max. 56mm) and grommet mount (max. 36mm)
- Monitor weight adjustment
- Monitor arms with wall mount fixing
- Meet VESA 75 (75 x 75 mm) or VESA 100 (100 x 100 mm)

| Technical data: | 17.03.1149 | 17.03.1147 | 17.03.1148 | 17.03.1122 |
|---|---|---|---|---|
| Fixing: | desk clamp | desk clamp | desk clamp | wall mount |
| Load capacity: | 3 - 8 kg | 3 - 8 kg | 3 - 8 kg | 3 - 8 kg |
| No. of pivots: | 4 | 4 | 4 | 4 |
| Pivot function: | yes | yes | yes | yes |
| Arm length: | up to 266 mm | up to 486 mm | up to 486 mm | up to 440 mm |
| Particularities: | gas spring, cable management - | gas spring, cable management - | gas spring, cable management Dual LCD | gas spring cable management weight adjustment |

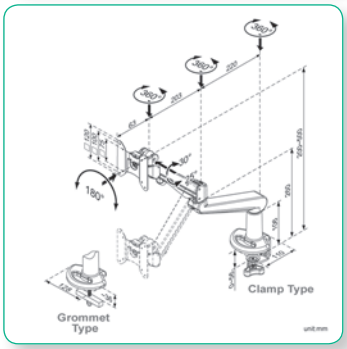


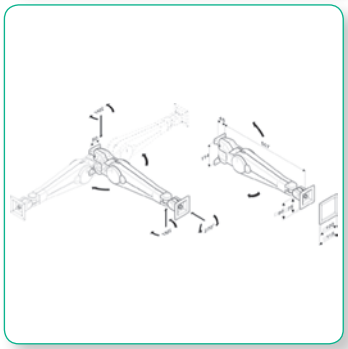











| | | Order-No. | – P.U. |
|---|---|---|---|
| ROLINE LCD Monitor Stand Pneumatic, Desk Clamp, Pivot, 1 Joint | A | 17.03.1149 | – 1 |
| ROLINE LCD Monitor Stand Pneumatic, Desk Clamp, Pivot, 2 Joints | B | 17.03.1147 | – 1 |
| ROLINE Dual LCD Monitor Stand Pneumatic, Desk Clamp, Pivot, 2 Joints | C | 17.03.1148 | – 1 |
| ROLINE LCD Monitor Arm Pneumatic, Pivot, Wall Mount | D | 17.03.1122 | – 2 |

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## VALUE Single LCD Monitor Arms, Desk Clamp

- Aluminum two-step arm with four joints
- With a C-clamp for desk mount up to 8 cm thickness
- The height of the LCD monitor is adjustable
- Meets VESA 75 (75 x 75 mm) or VESA 100 (100 x 100 mm)
- Load capacity: up to 10 kg










| Technical data: | 17.99.1132 | 17.99.1133 | 17.99.1136 |
|---|---|---|---|
| Load capacity: | 10 kg | 2x 6 kg | 3x 8 kg |
| No. of pivots: | 5 | 2x 5 | 5 |
| Fixing: | Desk clamp | Desk clamp | Desk clamp |
| Arm length: | 450 mm | 2x 350 mm | 1290 mm |

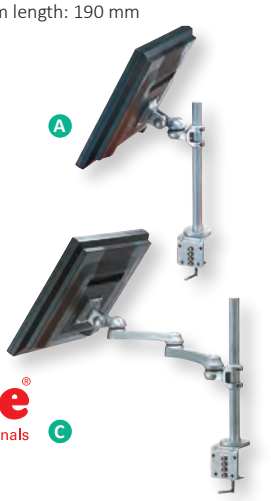
| | | Order-No. | P.U. |
|---|---|---|---|
| VALUE Single LCD Monitor Arm, 4 Joints, Desk Clamp | A | 17.99.1132 | 4 |
| VALUE Dual LCD Monitor Arm, Desk Clamp, 4 Joints | B | 17.99.1133 | 2 |
| VALUE Triple LCD Arm, Desk Clamp, black | C | 17.99.1136 | 1 |

## ROLINE Single LCD Monitor Arms, Desk Clamp

- This flexible monitor arm allows the user to adjust a monitor with perfect angle of view
- Fixing by desk clamp (up to 100 mm)
- The sturdy main frame can still move smoothly under heavy load
- High quality aluminum alloy
- Meets VESA 75 (75 x 75 mm) or VESA 100 (100 x 100 mm)
- Load capacity: 12 kg
- Length of pillar: 400 mm
- Arm length: 190 mm




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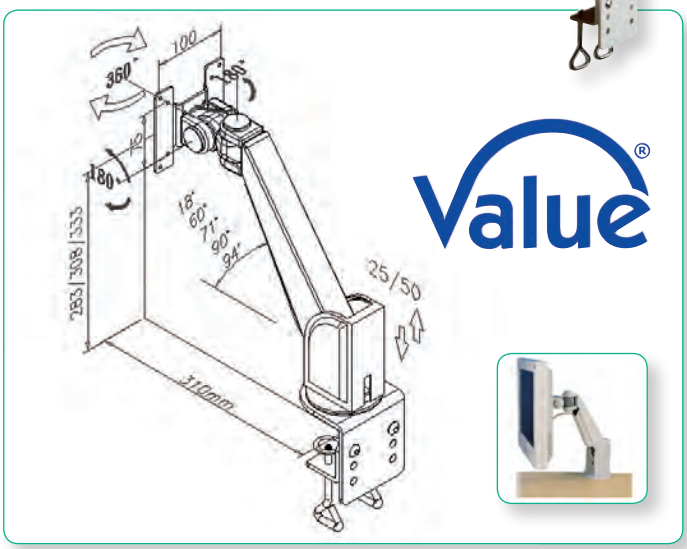

| Technical Data: | 17.03.1132/1230 | 17.03.1133 | 17.03.1134 |
|---|---|---|---|
| Fixing: | desk clamp (up to 100 mm) | desk clamp (up to 100 mm) | desk clamp (up to 100 mm) |
| Load capacity: | 8 kg | 10 kg | 12 kg |
| Length of pillar: | 400 mm | 400 mm | 400 mm |
| Arm length: | 620 mm | 440 mm | 190 mm |

| | | Order-No. | P.U. |
|---|---|---|---|
| ROLINE Single LCD Monitor Arm, 2 Joints, Desk Clamp | A | 17.03.1134 | 4 |
| ROLINE Single LCD Monitor Arm, 3 Joints, Desk Clamp | B | 17.03.1133 | 2 |
| ROLINE Single LCD Monitor Arm, 5 Joints, Desk Clamp | C | 17.03.1132 | 2 |
| ROLINE Dual LCD Monitor Arm, Desk Clamp, 4 Joints | D | 17.03.1230 | 1 |

## VALUE LCD Monitor Arm Standard, Wall Mount or Desk Clamp

- Provides the screen at three positions for the most comfortable viewing level and provide the monitor or LCD TV tilt, left or right
- Supports wall mounting as well as desk clamp (with C-clamp mounting bracket)
- Meets VESA 75 (75 * 75 or VESA 100 (100 *100 mm)






| | Order-No. | P.U. |
|---|---|---|
| VALUE LCD Monitor Arm Standard, Wall Mount or Desk Clamp | 17.99.1123 | 4 |

## VALUE Single/ Dual LCD Monitor Stand Pneumatic, Desk Clamp, Pivot

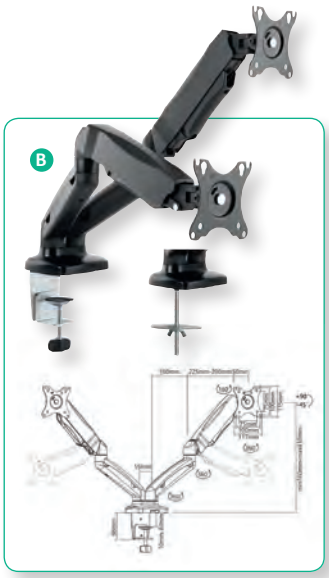
**LCD monitor arm with gas spring for easy and reliable adjustment of a monitor weighing up to 6.5kg and VESA 75 / 100!**

- Made of high quality aluminum alloy
- Meets VESA 75 (75x75 mm) or VESA 100 (100x100 mm)
- Special feature: Pivot function- screen is 90 degrees rotatable
- Small desktop mount saves space
- A clever cable management is built into the rear arm

**Specifications:**

- Arm extension: ~ 500 mm
- Lift: 160 ~ 410 mm
- Monitor pivot: 180°
- Rotation: 360° (arm & display)
- Loading capacity: max. 6.5 kg



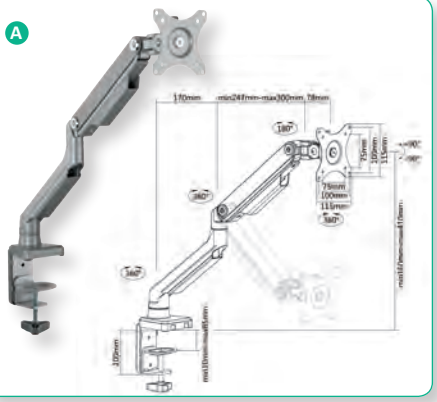




| | Order-No. | P.U. |
|---|---|---|
| VALUE LCD Monitor Stand Pneumatic, Desk Clamp, Pivot, 2 Joints | A 17.99.1155 | 4 |
| VALUE Dual LCD Monitor Stand Pneumatic, Desk Clamp, Pivot, 2 Joints | B 17.99.1163 | 3 |

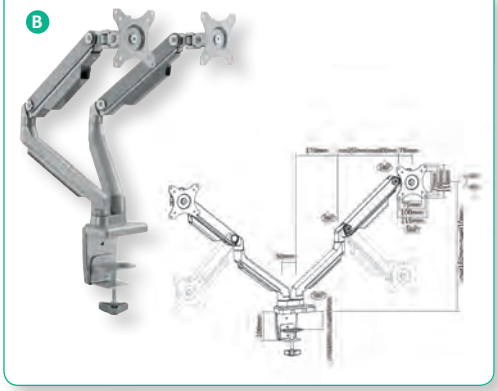
## VALUE LCD Monitor Arm, Desk Clamp, 6 Joints, Pivot

**LCD monitor arm, for easy and reliable adjustment of a monitor weighing up to 8kg and VESA 75 / 100!**
The Single LCD Arm makes your workstation more efficient and you gain more workspace.
- Designed for one monitor
- The aluminium arm is easy to adjust for swinging into any position
- The display can be tilted to any angle you need
- Spring assistant system easily adjusts the height of monitor
- Load capacity: up to 8 kg each monitor
- Meets VESA 75 (75 x 75 mm) or VESA 100 (100 x 100 mm)
- Arm length: up to 2x 550 mm
- With a C-clamp for desk mount

A



B





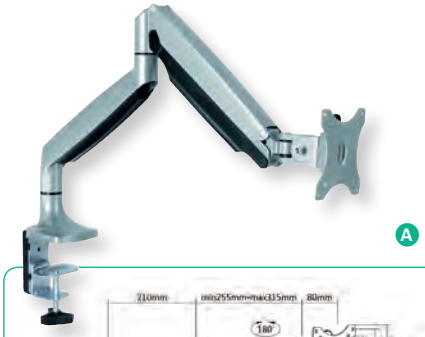
| | | Order-No. – P.U. |
|---|---|---|
| VALUE LCD Monitor Arm, Desk Clamp, 6 Joints, Pivot, silver | A | 17.99.1161 – 5 |
| VALUE Dual LCD Monitor Arm, Desk Clamp, 6 Joints, Pivot, silver | B | 17.99.1162 – 3 |

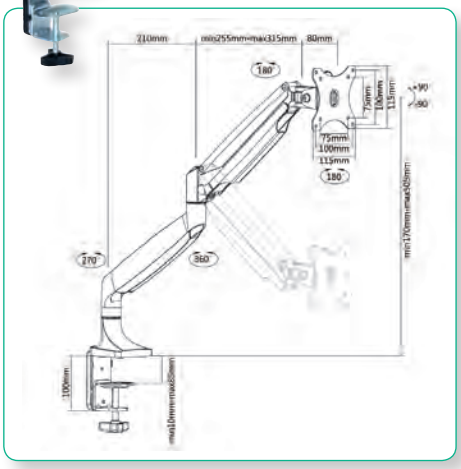
## VALUE LCD Monitor Stand Pneumatic, Desk Clamp, 5 Joints, Pivot

**Gas spring integrated allows users to move the LCD panel in most positions at will**
- Made of high quality aluminum alloy
- Meets VESA 75 (75x75 mm) or VESA 100 (100x100 mm)
- Special feature: Pivot function- screen is 90 degrees rotatable
- Small desktop mount saves space
- A clever cable management is built into the rear arm

Specifications:
- Arm extension: ~ 605 mm
- Lift: 170 ~ 500 mm
- Monitor pivot: 180°
- Rotation: 360° (arm & display)
- Loading capacity: max. 9 kg

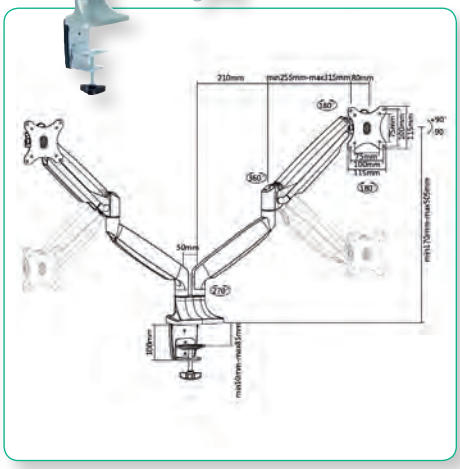
A



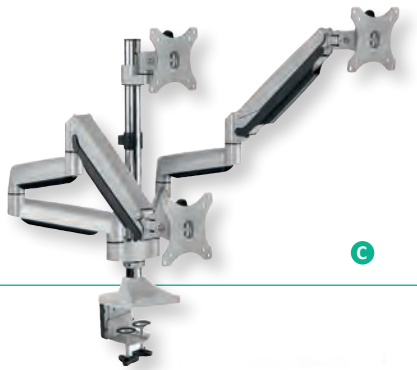


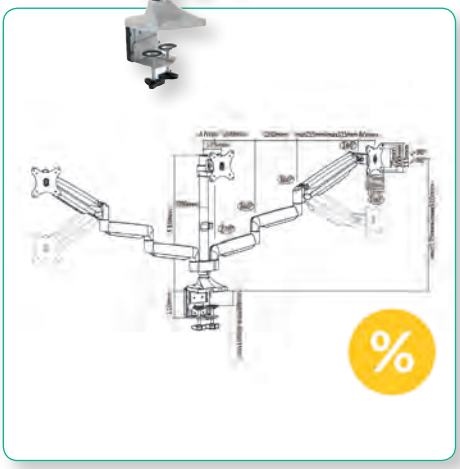
B





C





| | | Order-No. – P.U. |
|---|---|---|
| VALUE LCD Monitor Stand Pneumatic, Desk Clamp, 5 Joints, Pivot | A | 17.99.1145 – 4 |
| VALUE Dual LCD Monitor Arm, Desk Clamp, 6 Joints, height adjustable separately, gas spring | B | 17.99.1147 – 2 |
| VALUE Triple LCD Monitor Arm, Desk Clamp, 6 Joints, height adjustable separately, gas spring, silver | C | 17.99.1160 – 2 |

## ROLINE Single / Dual LCD Monitor Stand Pneumatic, Desk Clamp, Pivot, Heavy Duty, <= 15 kg

**LCD monitor arm, for easy and reliable adjustment of a monitor weighing up to 15kg (weight adjustment between 1kg and 15kg) and VESA 75/100!**

- Delicate and streamlined design
- Made of high quality aluminum alloy
- Gas spring integrated allows users to move the LCD panel in most positions at will
- Meets VESA 75 (75x75 mm) or VESA 100 (100x100 mm)
- Special feature: Pivot function- screen is 90 degrees rotatable
- Small desktop mount saves space
- A clever cable management is built into the rear arm

**Specifications:**
- Arm extension: ~ 596 mm
- Lift: 255 ~ 585 mm
- Monitor pivot: 180°
- Rotation: 180° (arm & display)
- Loading capacity: <= 15 kg

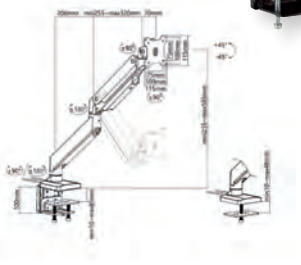


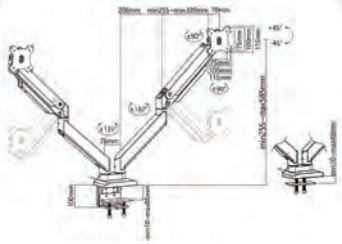
17.03.1116



17.03.1117

Video





Video

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| | Order-No. | – P.U. |
|---|---|---|
| ROLINE LCD Monitor Stand Pneumatic, Desk Clamp, Pivot, <= 15 kg, 5 Joints | 17.03.1116 | – 4 |
| ROLINE Dual LCD Monitor Stand Pneumatic, Desk Clamp, Pivot, <=15 kg, 5 Joints | 17.03.1117 | – 2 |





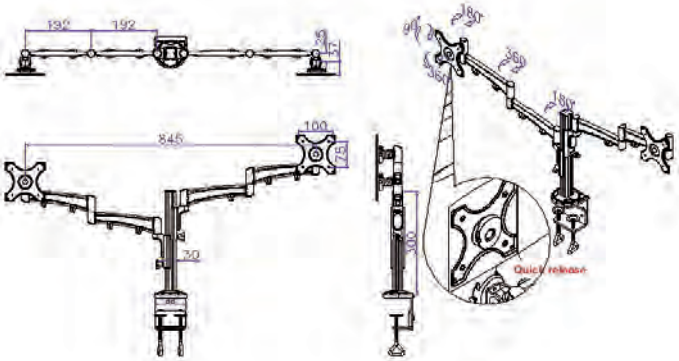
## VALUE Dual LCD Monitor Arm, Desk Clamp, height adjustable separately

The Dual LCD Arm makes your workstation more efficient and you gain more workspace.
- Designed for two monitors
- The two aluminium arms are easy to adjust for swinging into any position
- Each display can be tilted to any angle you need
- The height of the LCD monitors is for both monitors separately adjustable
- Load capacity: up to 5 kg each monitor
- Meets VESA 75 (75 x 75 mm) or VESA 100 (100 x 100 mm)
- Arm length: up to 2x 350 mm
- With a C-clamp for desk mount









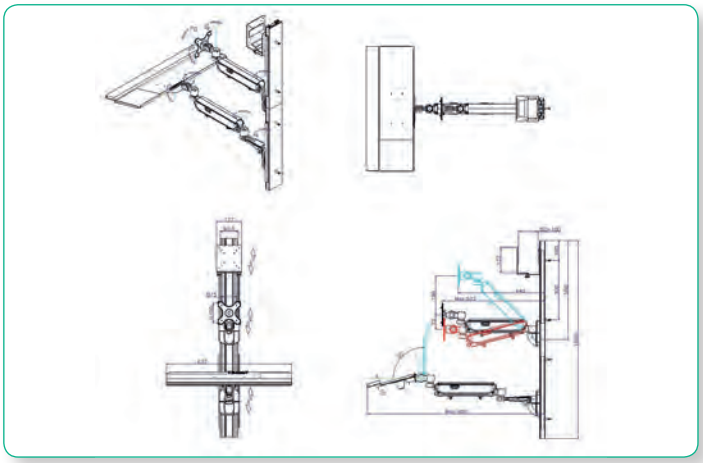
Value®

| | Order-No. | – P.U. |
|---|---|---|
| VALUE Dual LCD Monitor Arm, Desk Clamp, 4 Joints, height adjustable separately | 17.99.1134 | – 2 |

## VALUE Wallmount Workstation, Pneumatic

MEDICAL ENVIRONMENT

- This is a complete solution that accommodates a LCD, keyboard and CPU, creating a sit-stand workstation
- It is perfect for space-constrained areas by simply fold the keyboard and LCD tight against the wall when not in use
- This wall mounted computer workstations include a sturdy 90.5mm (width) x 500mm (length) x 20mm (depth) (x 2pcs.) aluminum posts that mounts to wall
- Articulating arms built-in VESA 75/100 compliant mount bracket can be tilted, panned and rotated.
- The CPU/power supply holder adjusts to hold items up to 100mm (width) securely and includes non-skid cushions to prevent marring
- CPU holder weight capacity: up to 10kg
- Keyboard holder weight capacity: 3-5kg
- Monitor holder weight capacity: 3-5kg





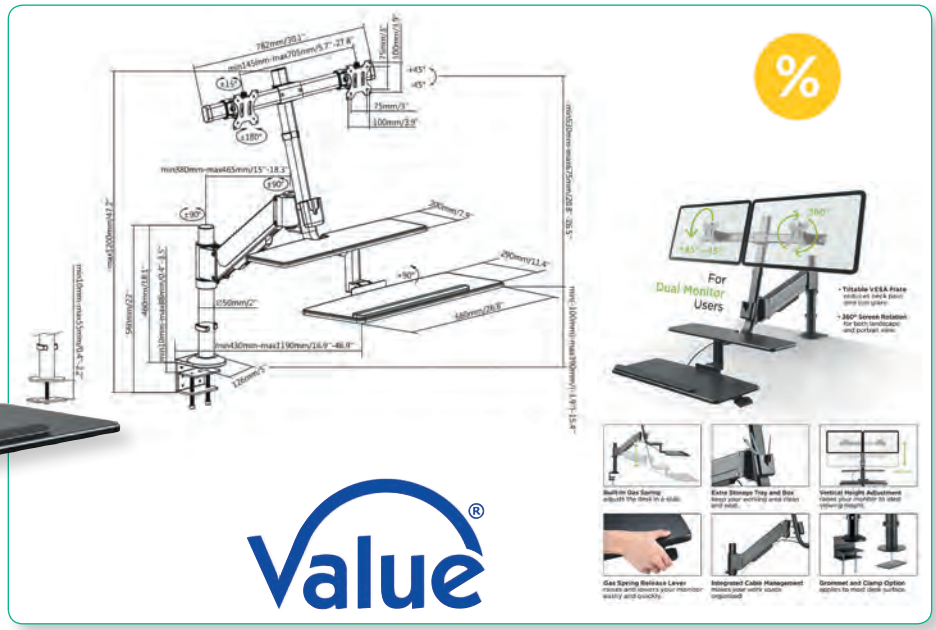
| | Order-No. – P.U. |
|---|---|
| VALUE Wallmount Workstation, Pneumatic | 17.99.1139 – 1 |

## VALUE LCD/Keyboard Holder, Desk Clamp, Rotatable

**Height-adjustable, solid standing workstation made of powder-coated steel in black for two monitors, with shelf for keyboard and mouse**

- Adjustment can be carried out in a few simple steps
- Rotatable workstation for maximum flexibility
- For table mounting with C-clamp or grommet
- For mounting screens with VESA 75 (75x75mm) or VESA 100 (100x100mm)
- With wrist rests for keyboard and mouse
- The keyboard/mouse tray can be folded upwards
- The monitors can be rotated, tilted and adjusted in height
- Flowing transitions from one position to the other through the integrated gas spring
- Cable management clamps prevent computer cables from catching
- Ergonomic thanks to adjustable height as required
- Mounting possibilities: grommet and desk clamp mounting



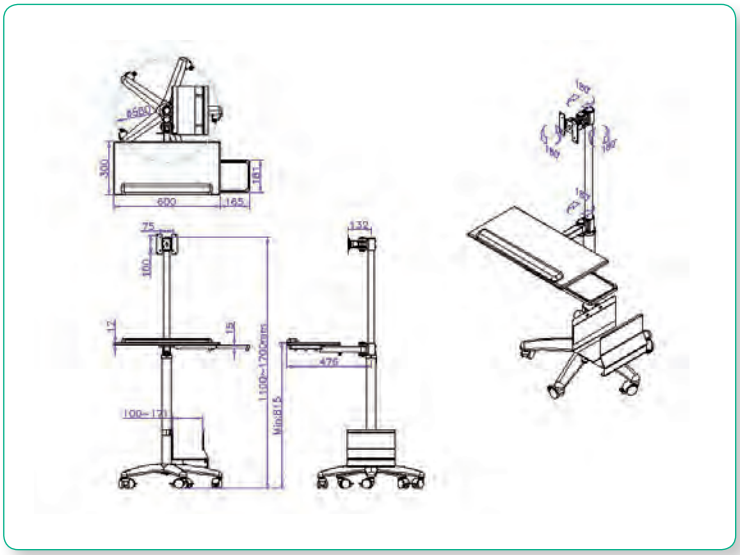



| | Order-No. – P.U. |
|---|---|
| VALUE LCD/Keyboard Holder, Desk Clamp, rotatable | 17.99.1220 – 1 |

## VALUE Mobile PC Cart, silver

MEDICAL ENVIRONMENT

- Mobile computing platform that can be used in factories, hospitals, etc.
- This model is fitted with wheels and allows easy movment of a full PC setup
- Carries one pc tower, keyboard and mouse platform and a LCD monitor
- Monitor and keyboard/mouse can be easily positioned to the exact working height
- For monitors with VESA 75 (75 x 75 mm) resp. VESA 100 (100 x 100 mm)
- LCD monitor adapter bracket provides swivel, tilt and rotation function
- Adjsutable LCD monitor height from 110 cm to 170 cm
- 5 wheels, whereof 3 are lockable





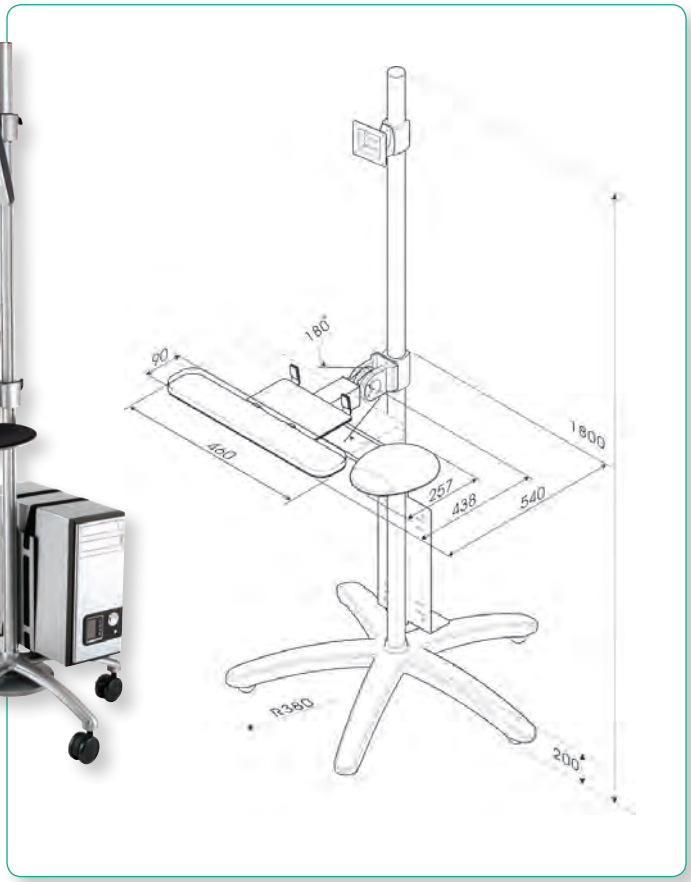
| | Order-No. – P.U. |
|---|---|
| VALUE Mobile PC Cart, silver | 17.99.1174 – 1 |

## ROLINE LCD TV + PC Mobile Computing Platform

MEDICAL ENVIRONMENT

- A mobile computing platform that can be used in factories, hospitals, shopping malls, retail stores and department stores, etc.
- Adaptable for sitting or standing users and adjusts to different user heights
- For monitors with VESA 75 (75 x 75 mm) resp. VESA 100 (100 x 100 mm)
- Pivots upwards to 10 degrees and downwards to 25 degrees
- Mouse support tray can be attached to the right or left hand side
- Safety belt adjusts for different sizes of CPU holders and UPS
- Material: aluminum alloy which has a neat and artistic appearance
- 5 wheels, whereof 3 are lockable
- Height: 180 cm





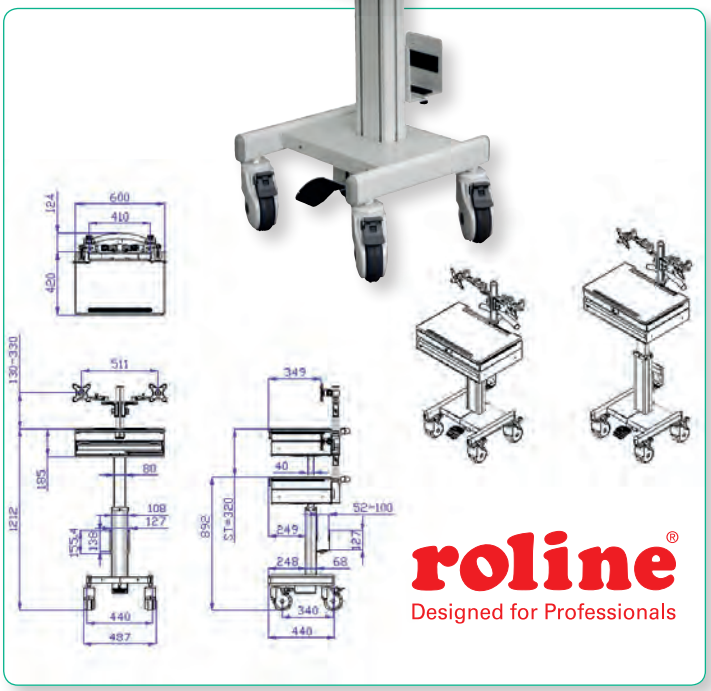

| | Order-No. – P.U. |
|---|---|
| ROLINE LCD TV + PC Mobile Computing Platform, 180 cm | 17.03.1174 – 1 |

## ROLINE LCD TV+PC Mobile Computing Workstation

MEDICAL ENVIRONMENT

- A mobile computing platform that can be used in factories, hospitals, shopping malls, retail stores and department stores, etc.
- Adaptable for sitting or standing users and adjusts to different user heights
- For monitors with VESA 75 (75 x 75 mm) resp. VESA 100 (100 x 100 mm)
- Locks your laptop in a drawer for anti-theft and leave clean desktop for working
- Accommodates widescreen laptops with 17“ screen
- Height adjustable working area is comfortable for sitting or standing users
- Pull-out keyboard storage and mouse stage can be the left or right side
- Organizes the cable management is place to have a clear look
- This model is fitted with wheels for easy movement and with lock while working
- Help to improve workflow efficiency and upgrade patient care
- Install dual LCD arm to have the monitor in a better viewing position
- Height of monitor can be adjustable
- Monitor can be swiveled,rotated and tilted
- Max loading including monitor: 5-8kg
- Mouse support tray can be attached to the right or left hand side
- Additional CPU holder






| | Order-No. – P.U. |
|---|---|
| ROLINE LCD TV + PC Mobile Computing Workstation | 17.03.1175 – 1 |

## VALUE Under Desk /Wall Mount Mini/Midi PC Holder

- Space-saving PC holder, creates more space on your work table
- Stable steel construction
- Fastening under the table top (min. 15mm), screws not included in delivery
- Table (under desk) and wall mounting
- Load capacity: 10 kg
- Height adjustable: 300- 533 mm
- Width adjustable: 88- 203 mm





| | Order-No. – P.U. |
|---|---|
| VALUE Under Desk /Wall Mount Mini/Midi PC Holder | 17.99.1501 – 6 |

## VALUE Heavy Duty PC Holder, Extendable, Rotable

- Under desk PC Holder telescopic and swiveling
- Stable steel construction
- To be fixed under your desk
- Heavy-Duty CPU Holder (up to 30 kg)
- Locking rotary knob ensures a secure position at any width setting
- Spring pin for easy height adjustment (357 / 457 / 507 / 557 mm)
- 360° swivel allows for easy access of PC backside ports and cables
- Sliding mechanism for greater accessibility





| | Order-No. – P.U. |
|---|---|
| VALUE Heavy Duty PC Holder, Extendable, Rotable | 17.99.1502 – 4 |

## VALUE Mini PC Holder

- Space-saving Mini PC holder which offers more room at your desk
- For Mini PCs
- Stable steel construction
- To be fixed under your table board (screws not included)
- Hight and width of holder is adjustable





| | Order-No. – P.U. |
|---|---|
| VALUE Mini PC Holder, black | 17.99.1140 – 8 |

## ROLINE Mini PC Holder, Lockable

- Space-saving Mini PC holder which offers more room at your desk
- For Mini PCs
- Stable steel construction
- To be fixed under your table board (screws not included)
- Hight and width of holder is adjustable
- Lockable with key





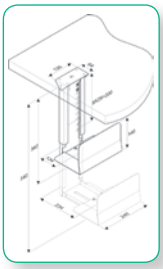
| | Order-No. – P.U. |
|---|---|
| ROLINE Mini PC Holder, lockable, silver | 17.03.1145 – 1 |
| ROLINE Mini PC Holder, lockable, black | 17.03.1156 – 1 |

## ROLINE PC Holders

- Under desk PC holder
- Stable steel construction, telescopic (not 17.03.1127/28)
- To be fixed under your table board (min. 15 mm), screws not included
- Height and width adjustable
- Rotation up to 90° (17.03.1129/30) resp. up to 180° (17.03.1131/36/37/85)

| Technical data: | 17.03.1127/28 | 17.03.1129/30 | 17.03.1136/37 | 17.03.1185 | 17.03.1131 |
|---|---|---|---|---|---|
| Max. weight: | 30 kg | 30 kg | 20 kg | 10 kg | 10 kg |
| Height adj.: | 390-540 mm | 390-540 mm | -500 mm | 390-540 mm | 390-540 mm |
| Width adj.: | 134-234 mm | 134-234 mm | 50-240 mm | 70-134 mm | 50-100 mm |
| Pull out: | no | 150 mm | 140 mm | yes | yes |
| Rotation: | no | 90° | 180° | 180° | 180° |





A



B



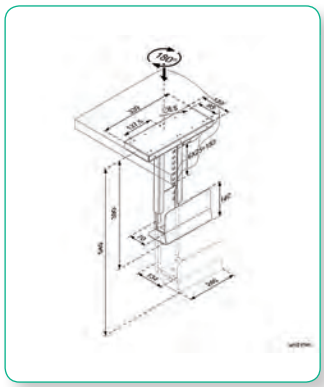
C



E

D



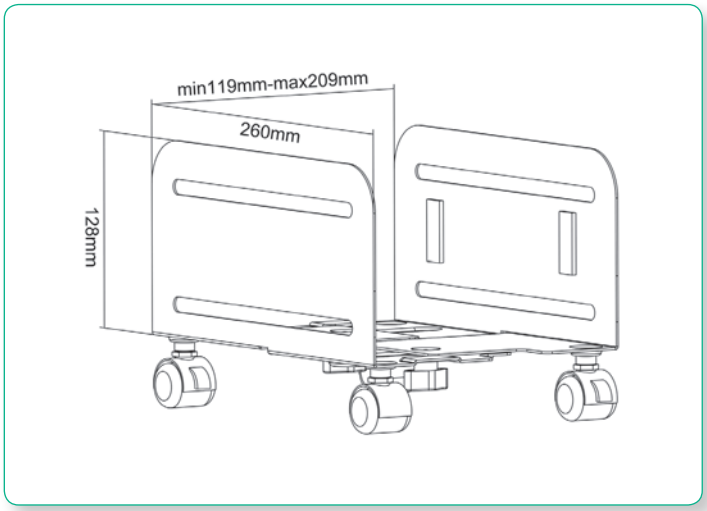


| | | Order-No. – P.U. |
|---|---|---|
| ROLINE PC Holder, black | A | 17.03.1127 – 1 |
| ROLINE PC Holder, silver | A | 17.03.1128 – 1 |
| ROLINE PC Holder with rotation function, black | B | 17.03.1129 – 1 |
| ROLINE PC Holder with rotation function, silver | B | 17.03.1130 – 1 |
| ROLINE PC Holder, extensible, rotatable, black | C | 17.03.1136 – 1 |
| ROLINE PC Holder, extensible, rotatable, silver | C | 17.03.1137 – 1 |
| ROLINE PC Holder, extendable, with rotation function | D | 17.03.1185 – 1 |
| ROLINE Mini PC Holder, extendable, with rotation function, black | E | 17.03.1131 – 1 |

## VALUE Mobile PC Stand

- Creates more space on your desk, due to it being under the table
- Stable metal construction with high tilt-stability
- Adjustable from 119- 209 mm PC width
- More flexible in use
- 2 locking heavy-duty casters






| | Order-No. – P.U. |
|---|---|
| VALUE Mobile PC Stand, black | 17.99.1500 – 6 |

## Mobile PC Stand

- Creates more space on your desk, due to it being under the table
- Stable metal construction with high tilt-stability
- Adjustable from 140-250 mm PC width
- Fitted with rubber mats against slipping and scratching
- More flexible in use



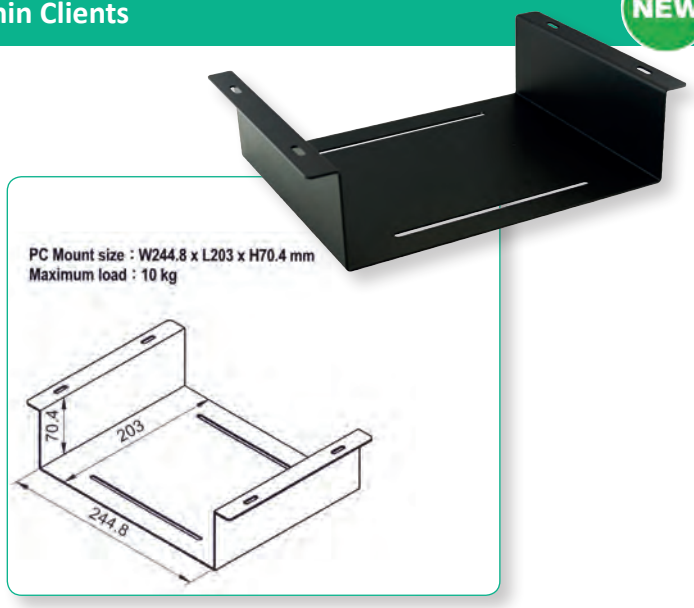
| | Order-No. – P.U. |
|---|---|
| Mobile PC Stand | 17.05.1516 – 5 |

## ROLINE Underdesk Mount for KVM/NUC/Mini PC / Thin Clients

NEW

**Save space by mounting your thin client under your desk!**

- Heavy-duty steel construction
- Suitable for a lot of types of thin clients and small cpus
- Under-Desk Installation: it saves valuable desk space and also keeps cpu free from dust
- Maximum weight should not exceed 10 kg
- Can be fixed under your desktop using the supplied fixings screws
- Allows full access to power button, output jacks, and cables.
- Content: 4x mounting screws, installation instructions

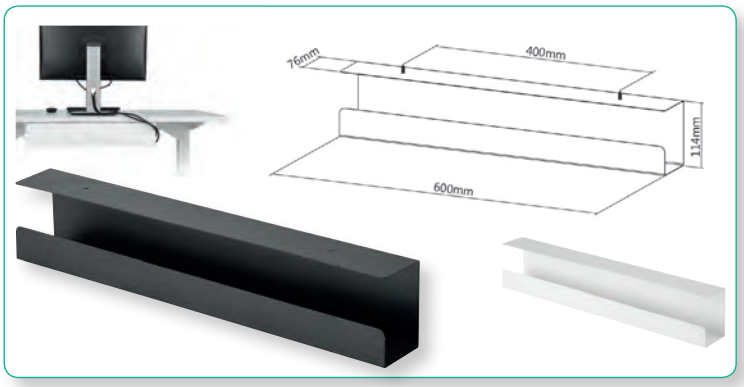



| | Order-No. – P.U. |
|---|---|
| ROLINE Underdesk Mount for KVM/NUC/Mini PC / Thin Clients | 17.03.0113 – 5 |

## VALUE Cable Cover Organizer (Under Desk Mount)

**For clean cable routing under the desk**
- Desktop cable tray organizer
- Simple design: hides wire and power cords for a clean workspace
- Manage all cables: enough room for power stripes, network, and computer cabling
- Easy installation
- Dimensions: 600 x 114 x 76 mm
- Contents:

1x cable manager à 600 x 114 x 76 mm

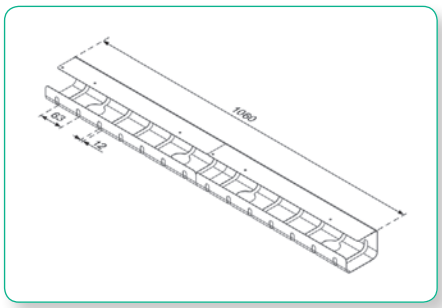


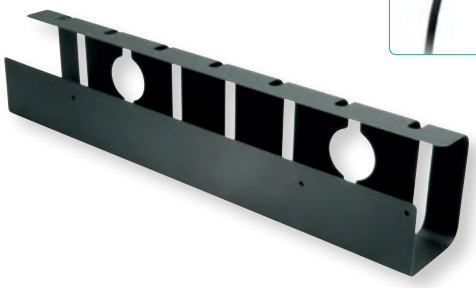

| | Order-No. – P.U. |
|---|---|
| VALUE Cable Cover Organizer (Under Desk Mount), black | 17.99.1315 – 6 |
| VALUE Cable Cover Organizer (Under Desk Mount), white | 17.99.1316 – 6 |

## ROLINE Cable Cover Organizer (Under Desk Mount)

- Contents: 2x cable manager à 530 x 110 x 80 mm





Designed for Professionals

NEW

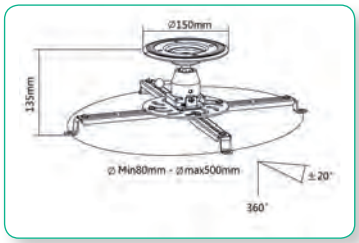


| | Order-No. – P.U. |
|---|---|
| ROLINE Cable Cover Organizer, Under Desk Mount (2 pieces), silver | 17.03.1302 – 6 |
| ROLINE Cable Cover Organizer, Under Desk Mount (2 pieces), black | 17.03.1303 – 6 |
| ROLINE Cable Cover Organizer, Under Desk Mount (2 pieces), white | 17.03.1304 – 6 |

## VALUE Ceiling Projector Mount, small

- Ceiling mount for LCD projector
- Universal spider mount style fits most projectors
- With tilt and swivel function
- Weigth capacity: 25 kg
- Max. projector size in diameter: 500 mm
- Distance to ceiling: 135 mm
- Colour: white
- Content: Ceiling mount, mounting material






| | Order-No. – P.U. |
|---|---|
| VALUE Ceiling Projector Mount, small | 17.99.1100 – 5 |

## VALUE Ceiling Projector Mount, big

Ceiling mount for LCD projector
- Universal spider mount style fits most projectors
- With tilt and swivel function
- Weigth capacity: 11.5 kg
- Max. projector size in diameter: 390 mm
- Adjustable ceiling tube can be exteded from 37.5 cm to 47.5 cm off the ceiling
- Cables can go through the tube
- Colour: Grey
- Remark: Product similar to picture. Colour: Grey!
- Content: Ceiling mount, mounting material



| | |
|---|---|
| Technical data: | 17.99.1102 |
| Fixing: | ceiling mount |
| Load capacity: | up to 11.5 kg |
| Distance to ceiling: | 375 - 475 mm, adjustable |
| Weight: | 2.5 kg |
| Max. projector size diameter: | 390 mm |
| Colour: | grey |

| | Order-No. – P.U. |
|---|---|
| VALUE Ceiling Projector Mount, big | 17.99.1102 – 6 |

## LCD/CRT Monitor Stand Trend

- Holds up to 51 cm (20“) LCD or CRT monitor
- Create extra storage (ca. 500 x 60 mm) for your keyboard or documents and office stationery under the platform
- Enlarged utility space on the platform to accommodate your speakers or media storage box next to a monitor
- Additional tube support avoids monitor to lean backwards
- Special handle design on side panels for easy movement of the stand
- Max. loading: 20 kg
- Dimensions of stand (LxWxH): 580 x 335 x 70 mm
- Colour: Black/grey





| | Order-No. – P.U. |
|---|---|
| LCD/CRT Monitor Stand Trend, black | 17.02.3370 – 2 |

## Dual Monitor/Printer Stand Trend

- Top wood platform supports A4 laser/inkjet printers
- Double drawers to storage provides multi storage of documents (A4, letters sized papers) and office stationery
- Special concave design provides more conveniences of picking up the thin pile of documents
- Special handle design on side panels for easy movement of the stand
- Platform size (LxW): 450 x 350 mm
- Colour: Black/grey





| | Order-No. – P.U. |
|---|---|
| Dual Monitor/Printer Stand Trend, black | 17.02.3375 – 2 |

## LCD Monitor Stand

- Stable Mesh monitor stand made of steel
- Holds up LCD monitors
- Provides storage place for pencils, stocks and much more
- Platform size: 420 x 280 mm
- Temporary storage of the keyboard (470 x 280 mm) and for documents or under the monitor platform
- Two side compartments
- Non-slip feet
- Max. loading: 15 kg
- Height 145 mm
- Pull-out drawer (W x H x D): 300 x 230 x 70 mm
- Dimensions of stand (W x H x D): 505 x 300 x 145 mm
- Colour: black

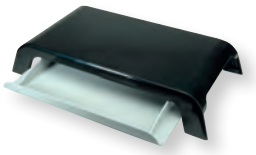



| | Order-No. – P.U. |
|---|---|
| LCD Monitor Stand, black, black | 17.99.1159 – 6 |

## LCD Monitor Stand, Acryl

- Stable Mesh monitor stand made of steel
- Holds up LCD monitors
- Provides storage place for pencils, stocks and much more
- Platform size: 420 x 280 mm
- Temporary storage of the keyboard (470 x 280 mm) and for documents or under the monitor platform
- Two side compartments
- Non-slip feet
- Max. loading: 15 kg
- Height 145 mm
- Pull-out drawer (W x H x D): 300 x 230 x 70 mm
- Dimensions of stand (W x H x D): 505 x 300 x 145 mm
- Colour: black



| | Order-No. – P.U. |
|---|---|
| LCD Monitor Stand, Acryl, black | 17.02.3374 – 6 |

## LCD Monitor Stand Adjustable Tempered Glass Surface Risers (Square)

- Compact design with smooth edges all around
- Increased storage room beneath the desktop
- Create extra storage (ca. 500 x 210 mm) for your keyboard or documents and office stationery under the platform
- Stepless height settings for your free height adjustment (75- 85 mm)
- Max. loading: 20 kg
- Dimensions of stand (LxWxH): 580 x 210 x 75- 85 mm

Suggested Screen Size:
up to 81cm (13"-32")

Max. Load: 20 kg
Adjustable Height:
75mm - 85mm

Glass Thickness: 5mm

Material:
Glass, Stainless Steel
Dimensions:
580 x 210 x 85mm





| | Order-No. – P.U. |
|---|---|
| LCD Monitor Stand Adjust. Tempered Glass Surface Risers (Square) | 17.02.3376 – 6 |

## LCD Monitor Stand Adjustable Tempered Glass Surface Risers (Triangle)

- Compact design with smooth edges all around
- Increased storage room beneath the desktop
- Create extra storage (ca. 500 x 280 mm) for documents and office stationery under the platform
- Stepless height settings for your free height adjustment (75- 85 mm)
- Max. loading: 20 kg
- Dimensions of stand (LxWxH): 580 x 280 x 75- 85 mm

Suggested Screen Size:
up to 81cm (13"-32")

Max. Load: 20 kg
Adjustable Height:
75mm - 85mm

Glass Thickness: 5mm

Material:
Glass, Stainless Steel
Dimensions:
580 x 280 x 85mm





| | Order-No. – P.U. |
|---|---|
| LCD Monitor Stand Adjust. Tempered Glass Surface Risers (Triangle) | 17.02.3377 – 10 |

## VALUE Height-adjustable Monitor/Laptop Stand

**Monitor/laptop stand made of wood, 2-step height adjustment and with cable suspension for a clean, tidy workplace**

- Large platform footprint (600x250mm) for up to two monitors or laptop and devices such as speakers or pen holders
- Cable suspension on the rear for space-saving and tidy cable management
- Under the monitor platform there is plenty of space for documents or also for temporary storage of the keyboard
- Loadable up to 20kg
- Dimensions (WxHxD): 600 x 90/115 x 250mm
- Colour: black









| | Order-No. – P.U. |
|---|---|
| VALUE Height-adjustable Monitor/Laptop Stand, black | 17.99.1340 – 6 |
| VALUE Height-adjustable Monitor/Laptop Stand, black, extra-large | 17.99.1341 – 6 |

## VALUE Anti-fatigue Floor Mat

**Standing for long periods on hard surfaces can put excessive strain on the body (musculoskeletal system - feet, ankles, knees, hips and lower back) and cause not only considerable pain but also muscle and joint fatigue.**
**Relieve your discomfort caused by standing for long periods of time with this anti-fatigue mat.**

- Reduces fatigue at the workplace!
- Standing on the mat distributes the pressure of your body weight more evenly over the entire foot.
- Effectively relieves pressure on knees, feet and sensitive joints
- Durable PU foam- supports the distribution of foot pressure
- Thanks to bevelled edges- you can avoid tripping or crimping of the mat
- Non-slip rubber underside surface prevents shifting on different surfaces
- Water- and dirt-repellent surface
- Cleaning- simply wipe off with a damp cloth
- Dimensions (L x W x H): 51 x 81 x 1,9 cm
- Color: black





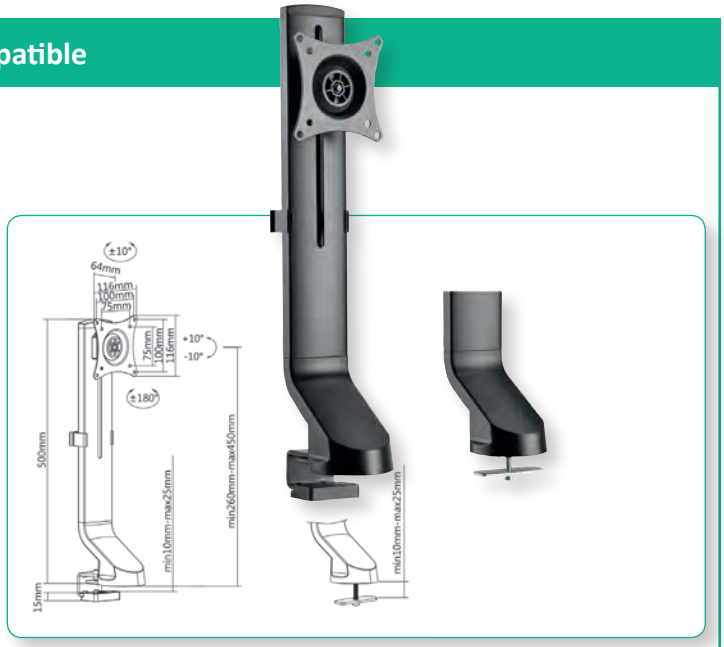

| | Order-No. – P.U. |
|---|---|
| VALUE Anti-fatigue Floor Mat, black | 17.99.1176 – 5 |

## VALUE Single Monitor Arm Sit-Stand Workstation Compatible

**Stationary monitor arm sit-stand workstation compatible (as an attachment for 17.03.1177/17.99.1177) or generally for mounting a monitor on the desk with the smallest space requirement!**

- Single Monitor Arm for Sit-Stand Workstation, compatible for 17.03.1177 and 17.99.1177
- Sleek design blends into various modern interior designs
- Easy-grip knobs for quick tilt and lock
- Cable management
- Provides extra height adjustment range for flat surface sit-stand workstations
- Mounting possibilities: desk clamp mounting
- Max. load capacity: 8kg



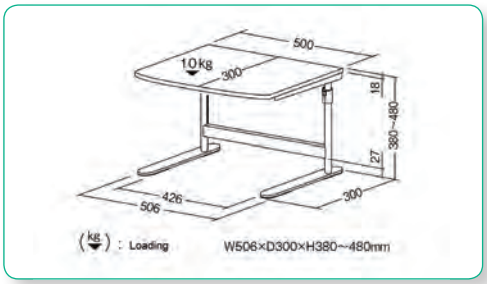

| | Order-No. – P.U. |
|---|---|
| VALUE Single Monitor Arm Sit-Stand Workstation Compatible, 3 Joints | 17.99.1179 – 4 |

## ROLINE Mini Printer Table, Height Adjustable

NEW

**Printer table or laptop shelf as an attachment for the desk - versatile and ergonomic to work with a laptop when standing or as a shelf for smaller printers, copiers and scanners. For more efficient working in the office!**

- Perfectly suited in the office or home office as a desk attachment for smaller printers, copiers and scanners or similar devices
- Also perfect as a laptop shelf to work ergonomically while standing
- Easy to adjust in height by two levers
- Sturdy metal frame
- Printer level (W×D: 50×29cm)
- Load capacity: up to 10kg
- Color:
  - Frame: light grey
  - Plate: white
- Dimensions (H×W×D): min/max. 39/49×50×30cm
- Weight: 5kg






| | Order-No. – P.U. |
|---|---|
| ROLINE Mini Printer Table, height adjustable, grey | 17.01.1086 – 1 |

## ROLINE PC Standing Workstation

- Stable metal/plastic frame
- Load bearing capacity: up to 40 kg
- Top shelf (WxD: 68 x 50 cm) for monitor etc.
- Slide-out keyboard shelf (WxD: 53.5 x 35 cm) with mouse surface (28 x 23 cm)
- Slide-out shelf (WxD: 53.5 x 35 cm) which can be used for printers
- Floor level shelf (WxD: 57.9 x 31.5 cm)
- Up to 40kg load bearing capacity
- Mobile via 4 wheels, 2 of which can be locked
- Colour:
  frame: light grey
  surface: white
  surface border: grey
- Dimensions (HxWxD): 110 x 68 x 54 cm



| | Order-No. – P.U. |
|---|---|
| ROLINE PC Standing Workstation | 17.02.1545 – 1 |

## ROLINE PC Standing Workstation

**Work healthier! A change from sit to stand is good for your spine. With our height adjustable ROLINE PC-Stand-Workplace you can do your work standing.**

- Stable metal/plastic frame
- Load bearing capacity: up to 60 kg
- Top shelf (W x D: 70 x 35.5 cm) for monitor etc.
- Keyboard and mouse shelf (W x D: 70 x 40 cm)
- Printer shelf (W x D: 47.2 x 23 cm)
- Floor level shelf (W x D: 45.5 x 35 cm)
- Mobile via 4 wheels, 2 of which can be locked
- Colour:
  frame: light grey / surface: black / surface border: black
- Dimensions (H x W x D): min. 81 / max. 125 (+12,8 cm) x 70 x 70,5 cm
- Table top thickness 15mm (Melamine)

**The furniture is height adjustable just as you need it and helps to create an ergonomic, healthy workplace by allowing users to sit or stand throughout the day.**



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| | Order-No. – P.U. |
|---|---|
| ROLINE PC Standing Workstation, black / gray | 17.02.1547 – 1 |

## ROLINE Printer Tables

**17.01.1085**
- Stable metal frame
- Printer shelf and floor level shelf (WxD: 46x39 cm)
- Mobile through 4 wheels, 2 of them are lockable
- Load bearing capacity: up to 30kg
- Colour:
  frame: light grey
  surface: white
  surface border: white
- Dimensions (HxWxD): 38x51x44 cm

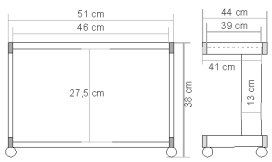
**17.01.1087**
- Stable metal / man-made material frame
- Printer shelf (WxD: 68x50 cm)
- Middle shelf (WxD: 58.5x44 cm)
- Floor level shelf (WxD: 57.5x31.5 cm)
- Mobile through 4 castors, 2 of which are lockable
- Level screws hinders the printer table from tilting on it's side
- Load bearing capacity: up to 30 kg
- Colour:
  frame: light grey
  surface: white
  surface border: grey
- Dimensions: 77.5x68x54 cm

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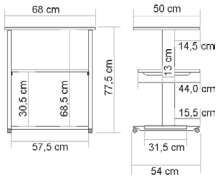




A




B



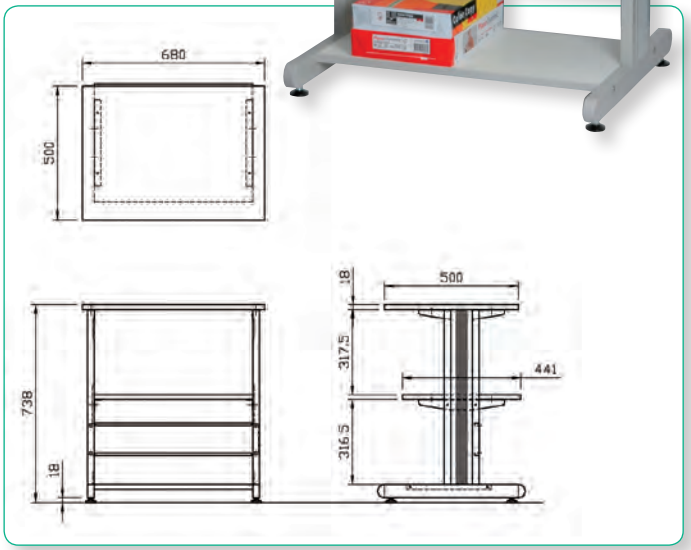

| | | Order-No. – P.U. |
|---|---|---|
| ROLINE Mini Printer Table | A | 17.01.1085 – 1 |
| ROLINE Printer Table | B | 17.01.1087 – 1 |

## ROLINE Printer Table, up to 80 kg

- Stable metal / plastic frame
- Load bearing capacity: up to 80 kg
- Printer shelf (WxD: 68x50 cm)
- Middle shelf (WxD: 59x44 cm)
- Floor level shelf (WxD: 59x31.5 cm)
- Level screws prevent the printer table from tilting on its side
- Colour:
  frame: light grey
  surface: white
  surface border: grey
- Dimensions (WxHxD): 74x68x55 cm

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| | Order-No. – P.U. |
|---|---|
| ROLINE Printer Table, up to 80 kg | 17.01.1089 – 1 |

## Lockable PC / Server Workstation

- This PC/server workstation offers a lot of space for the PC, monitor, keyboard and mouse with excellent value for money
- Suitable for desktop, mini or midi PC housings
- With two lockable roller blinds
- Additional storage surface on the top
- 43 cm monitors can be placed without any problems
- Slide-out keyboard shelf (WxD: 53 x 35.2 cm)
- Mobile via 4 wheels, 2 of them can be locked

- Colour:
Base unit / cabinet: light grey
Roll top door: white grey

- Load bearing capacity:
Floor level shelf: max. 60 kg
Keyboard tabletop: max. 10 kg
Monitor tabletop: max. 40 kg
Desk on the top: max. 20 kg

- Dimensions:
HxWxD: 151.5 x 80 x 60 cm
Basic unit: 86 x 80 x 60 cm
Cabinet: 80 x 65.5 x 60 cm






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| | Order-No. | P.U. |
|---|---|---|
| Lockable PC / Server Workstation | 17.02.2510 | 1 |

## ROLINE Cleaning Products

**19.03.3000**
- Cleaning foam
- Ideal for cleaning printers, monitors, computer cases etc.
- No electrical conduction, antistatic, completely bio-degradable
- Contents: Spray bottle

**19.03.3125**
- 250 ml pump spray bottle
- Efficient and gentle removal of dust and dirt from all plastic, metal and glass surfaces (e.g. printers, keyboards, telephones, ets.)
- Just spray it on a tissue and than polish the surface
- Antistatic, completely bio-degradable
- Ecologically friendly
- Contents: Pump-spray bottle

**19.03.3100**
- 100 cleaning tissues for all plastic and metal surfaces
- Ideal for cleaning printers, monitors, PC cases etc (not for TFT Displays and PDAs)
- Antistatic tissues, complete bio-degradable
- Hygienic and fresh smell
- Contents: 100 Cleaning-Tissues

**19.03.3110**
- For blowing dust and debris from inaccessible areas of electronic equipment (computer keyboards, printers, CD-ROM drives, copiers, fax machines, etc.
- Variable spray intensity
- Ecologically friendly
- 400 ml aerosol can with spray tube included
- Contents: Aerosol-Can

**19.03.3130**
- 400ml Cleaning foam
- Ideal for cleaning plastic and coloured surfaces such as tables
- Antistatic, non-abrasive
- Contents: Spray bottle

**19.03.3135 / 19.03.3160**
Eco-friendly special cleaner for TFT and Laptop monitors, LCDs, PDAs, monitor filters, surfpads and all coated and uncoated glass surfaces (e.g. mirrors, overhead projectors and lenses).
- 250ml pump-spray bottle
- No alcohol (not flammable), completely bio-degradable
- Contents: Pump-spray bottle

**19.03.3185**
- 100 moist disinfectant cleaning cloths
- For all plastic and metal surfaces (printer, keyboard, CPU, phone, fax (not for TFT screens) ets.)
- For a healthier office environment
- Fast drying, for a streak free shine

- Contents: Tub with 100 pcs.

**Note: Use biocides safely. Always read the label and product information before use.**

**19.03.3140**
- This set offers you a complete solution for cleaning your complete office-workplace
- Contents: 1x 125ml ROLINE TFT-Cleaner, 1x keyboard sponge and swab, 1x allround-sponge and 4x tissues „dry“



19.03.3000



19.03.3125



19.03.3100



19.03.3110



19.03.3130



19.03.3135



19.03.3185


19.03.3140

roline®
Designed for Professionals

| | Order-No. | P.U. |
|---|---|---|
| ROLINE Allround-Cleaner-Aerosol | 19.03.3000 | 1 |
| ROLINE Universal-Cleaning-Tissues | 19.03.3100 | 1 |
| ROLINE Monitor- and Plastic-Cleaner | 19.03.3125 | 1 |
| ROLINE Aerosol Can Air Duster (400 ml) | 19.03.3110 | 1 |
| ROLINE Antistatic Foam-Cleaner | 19.03.3130 | 1 |
| ROLINE TFT Cleaner | 19.03.3135 | 1 |
| ROLINE TFT Cleaner with microfiber cloth, 40x40 cm | 19.03.3160 | 1 |
| ROLINE Disinfectant Computer Cleaning Wipes (100 pcs.) | 19.03.3185 | 1 |
| ROLINE PC-Cleaning Set | 19.03.3140 | 1 |



# TV Holders / Furnitures

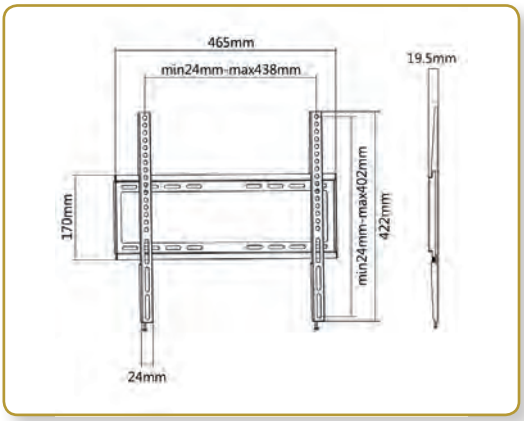
10


TV Wall Holders . . . . . 10.02 – 10.06
Digital Signage . . . . . 10.07
TV Mobile Cart . . . . . 10.08 – 10.11
TV Ceiling Holders . . . . . 10.12
Monitor /TV Board/Stand . . . . . 10.12
Wall Cable Cover . . . . . 10.13
Cable Box . . . . . 10.13
Floor Cable Cover . . . . . 10.13

## VALUE LCD/Plasma TV Wall Holder, Low Profile

This wall mount allows a very discreet installation of a LCD/Plasma TV, perfect for e.g. a wooden wall.
- Weight capacity: up to 35 kg
- Screen Size: 81 cm up to 139 cm
- Low profile- very small distance to wall 19mm
- Material: Steel
- Max. VESA 400 x 400 mm

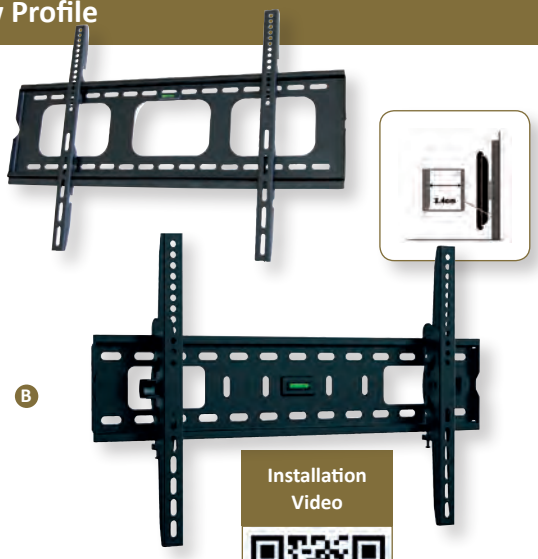




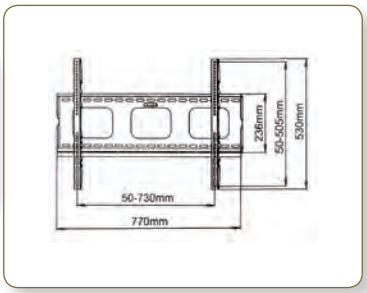

| | Order-No. | – P.U. |
|---|---|---|
| VALUE LCD/Plasma TV Wall Holder, Low Profile, black | 17.99.1202 | – 12 |

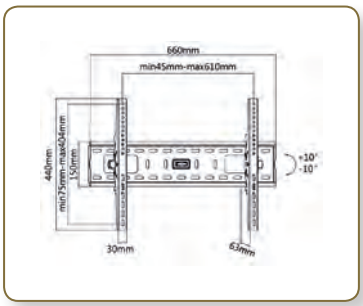
## VALUE LCD/Plasma TV Wall Holder, Low Profile

This wall mount allows a very discreet installation of a LCD/Plasma TV, perfect for e.g. a wooden wall.
- Weight capacity: up to 80 kg
- Screen Size: 81 cm up to 152 cm
- Low profile - very small distance to wall
- Material: Steel
- Max. VESA 700 x 500 mm





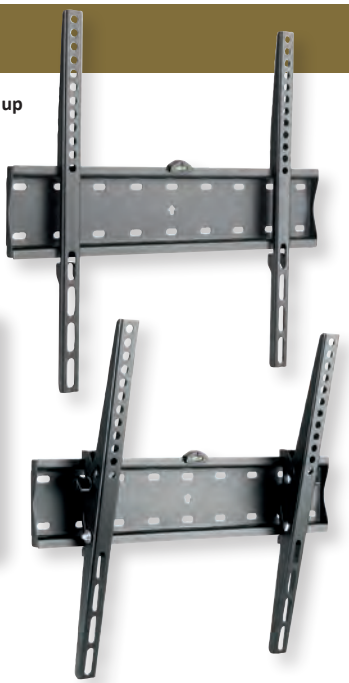

| Technical data: | 17.99.1214 | 17.99.1218 |
|---|---|---|
| Fixing: | wall mount | wall mount |
| Load capacity: | up to 80 kg | up to 75 kg |
| Screen size: | 81 cm up to 152 cm | 93 cm up to 177 cm |
| Distance monitor to wall: | 2.4 cm | 8 cm |
| Tiltable up or down: | - | 10° |

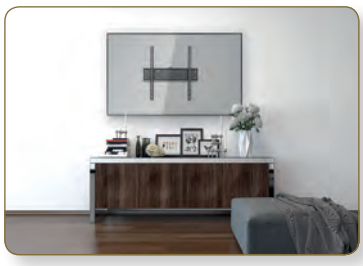
Installation Video

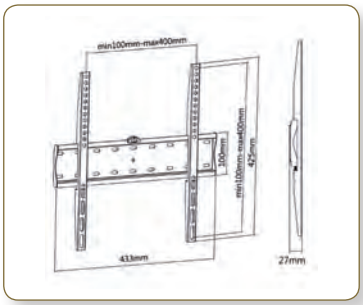
| | | Order-No. | – P.U. |
|---|---|---|---|
| VALUE LCD/Plasma TV Wall Holder, Low Profile | A | 17.99.1214 | – 5 |
| VALUE LCD/Plasma TV Wall Holder, Tiltable | B | 17.99.1218 | – 4 |

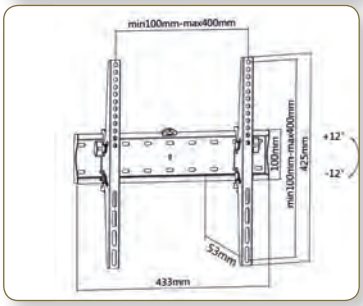
## VALUE TV Wall Mounts, < 40kg

**Stable and fixed TV wall mount with just 27mm wall distance - the load capacity is up to 40kg and the mount supports maximum VESA 400x400.**
- For screens from 32“ to 55“ (max. VESA 400x400)
- Load capacity up to 40kg
- Fixed suspension
- Very small wall distance of 27mm
- Securing against unintentional loosening of the mounting hooks
- Integrated spirit level







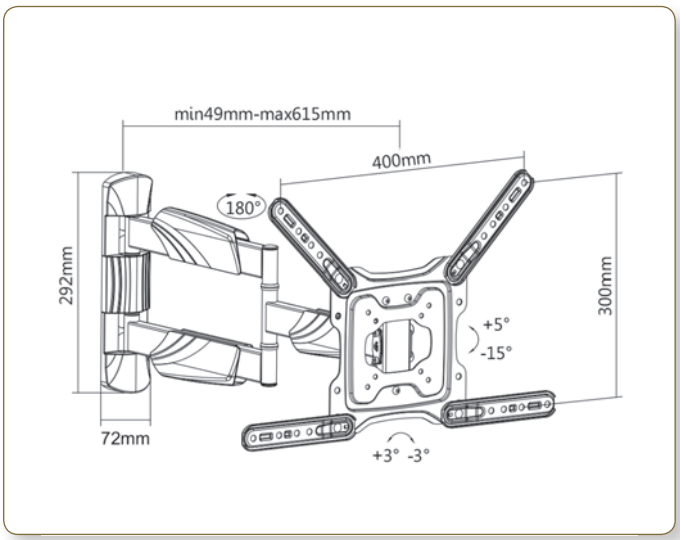

| | Order-No. | – P.U. |
|---|---|---|
| VALUE TV Wall Mount, 27mm Wall distance, 40kg load capacity, | 17.99.1213 | – 10 |
| VALUE TV Wall Mount, 27mm Wall distance, 40kg load capacity, tiltable | 17.99.1219 | – 10 |

## VALUE LCD/TV Wall Mount

- Mounts a monitor onto a wall
- Integrated cable management system
- Built-in level adjustment
- Swiveling arm offer maximum viewing flexibility (+90° –-90°)
- Freely tilting allows easy TV angle adjustment (+5° – 15°)
- Load capacity: up to 35 kg
- Meets VESA 400 x 400 mm
- Arm length: 61 cm
- Contents: supporting arm

Technical data: 17.99.1144
Fixing: wall mount
Load capacity: up to 35 kg
Joints: 4
Arm length: 61 cm



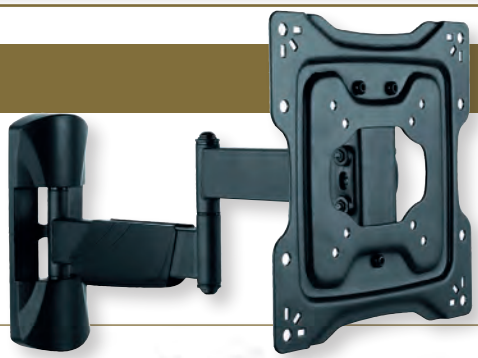


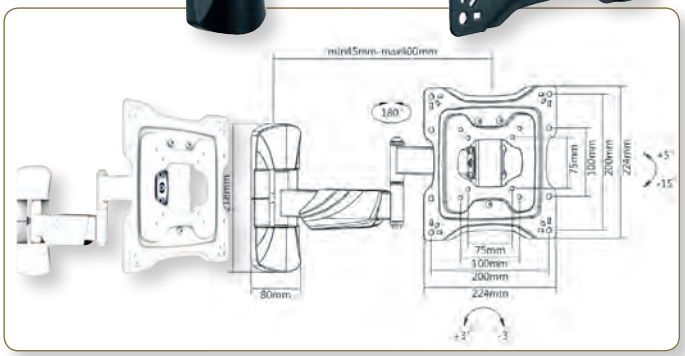

| | Order-No. – P.U. |
|---|---|
| VALUE LCD/TV Wall Mount, 4 Joints | 17.99.1144 – 5 |

## VALUE LCD/TV Wall Mount

- Arm length: up to 425 mm
- Max. load: 25 kg
- Mounts your screen to the wall and monitor can be tilted ,swiveded and rotated
- Meets VESA 75 x 75 mm,
  100 x 100 mm, 100 x 200 mm,
  200 x 200 mm
- Colour: black
- Contents: supporting arm

Technical data: 17.99.1143
Fixing: wall mount
Load capacity: up to 25 kg
Joints: 5
Arm length: up to 40 cm





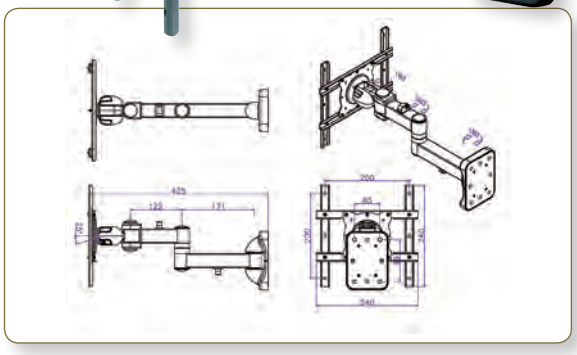

| | Order-No. – P.U. |
|---|---|
| VALUE LCD/TV Wall Mount, black, 5 Joints | 17.99.1143 – 5 |
| VALUE LCD/TV Wall Mount, white, 5 Joints | 17.99.1148 – 5 |

## ROLINE LCD/TV Wall Mount

- Arm length: up to 425 mm
- Max. load: 25 kg
- Mounts your screen to the wall and monitor can be tilted ,swiveded and rotated
- Meets VESA 75 x 75 mm, VESA 100 x 100 mm, VESA 100 x 200 mm,
  VESA 200 x 200 mm
- Colour: black
- Contents: supporting arm, mounting screws, 6 mm hex wrench, manual, cable clips

Technical data: 17.03.1169
Fixing: wall mount
Load capacity: up to 25 kg
Joints: 5
Arm length: 42 cm



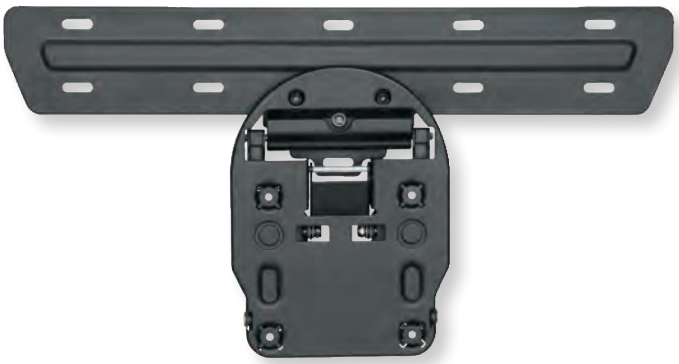


| | Order-No. – P.U. |
|---|---|
| ROLINE LCD/TV Wall Mount, 5 Joints | 17.03.1169 – 6 |

## VALUE LCD/Plasma TV Wall Holder, Low Profile, for Samsung Q Series (Q7 / Q8 / Q9)

This wall mount allows a very discreet installation of a LCD/Plasma TV, perfect for e.g. a wooden wall.

- Weight capacity: up to 50 kg
- Screen Size: up to 165.1 cm
- Low profile- very small distance to wall, 17- 92 mm
- Integrated bubble level assures alignment and provides installation instructions
- Innovative quick-release mechanism allows for a quick and easy installation









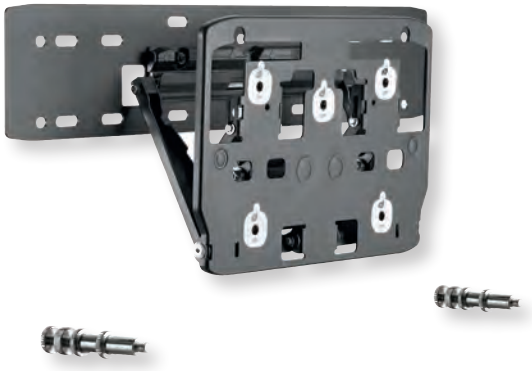


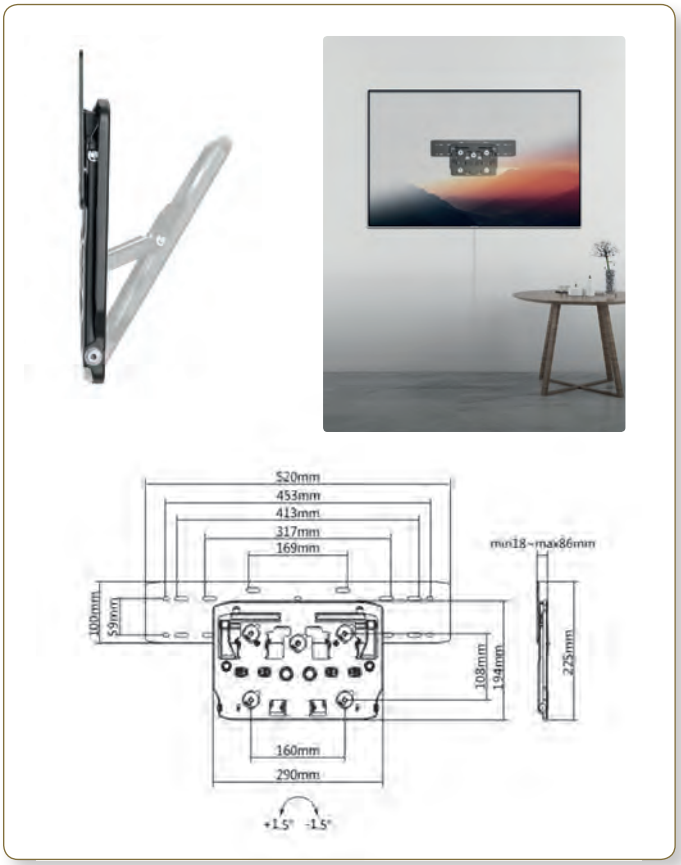

| | Order-No. | P.U. |
|---|---|---|
| VALUE LCD/Plasma TV Wall Holder, Low Profile, for Samsung Q Series (Q7 / Q8 / Q9) | 17.99.1166 | 5 |

## VALUE LCD/Plasma TV Wall Holder, Low Profile, Samsung® Q-Series™ (Q7™ / Q8™ / Q9™ / Q7FN™ / Q9FN™)

**TV Wall mount for Samsung® Q-Series™ (Q7™ / Q8™ / Q9™ / Q7FN™ / Q9FN™) monitors with minimum space requirements**

- For Samsung® Q-Serie™ (Q7™/Q8™/Q9™/Q7FN™/Q9FN™) screens up to 190.5.1cm (75")
- Load capacity up to 50 kg
- Fixed suspension
- Very small wall distance: 17- 92 mm
- Securing against unintentional loosening of the mounting hooks
- tiltability: +3° ~-3°
- Solid black steel bracket



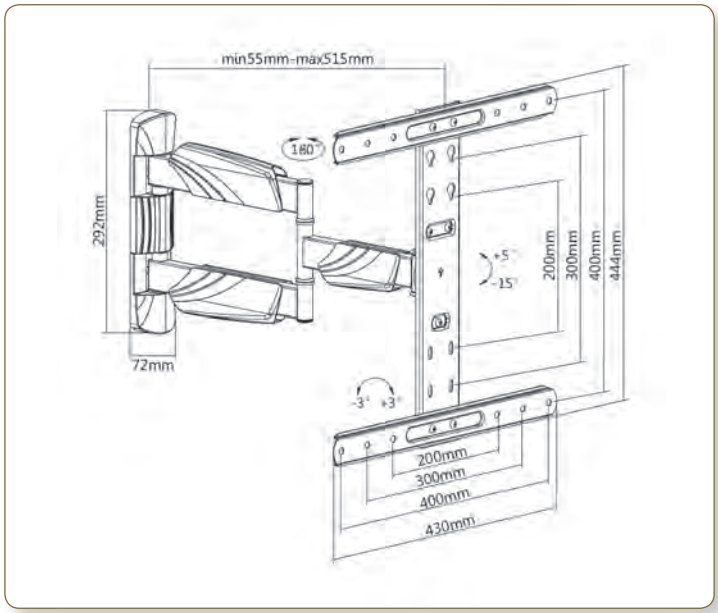



| | Order-No. | P.U. |
|---|---|---|
| VALUE LCD/Plasma TV Wall Holder, Low Profile, for SAMSUNG Q-Series | 17.99.1169 | 5 |

## VALUE LCD Wall Mount Bracket, up to 139.7cm (32“ – 55“)

- Provides safe and easy access to most Curved TV’s features
- Substantial mount, provides long-lasting use
- Integrated cable management
- Monitor can be tilted downward up to 20°
- Mount your screen neatly to the wall and monitor can be swiveled and rotated
- Fits most displays: 81cm- 139,7cm (32“-55“)
- Universal VESA: 400 x 400mm
- Distance to the wall: 515 mm
- Max loading capacity: 35 kg





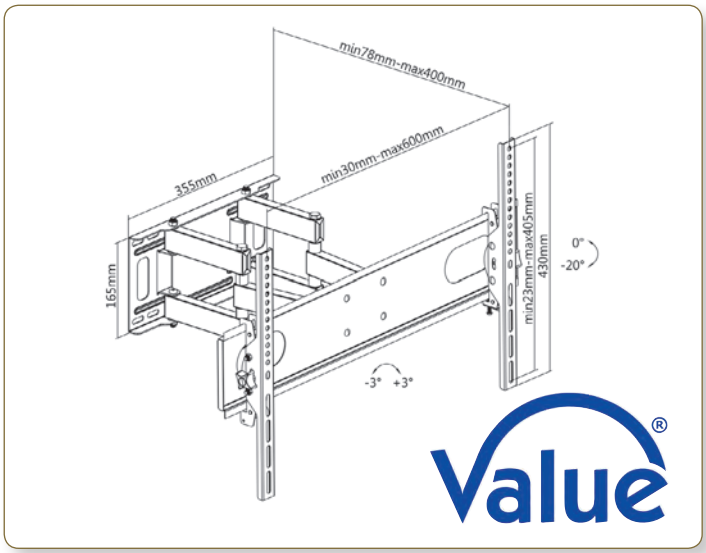

| | Order-No. – P.U. |
|---|---|
| VALUE LCD Wall Mount Bracket, up to 139.7cm (32“ – 55“), black | 17.99.1142 – 5 |

## VALUE Solid Articulating Wall Mount TV Holder, up to 177.8cm (37“ – 70“)

- Dual-arm full-motion wall mount for TVs (LED, LCD flat panel TVs) up to 177,8cm (37‘‘- 70‘‘)
- Max. weight: 35 kg
- This mount extends out 400mm from wall and allows TVs to turn left or right
- Full motion allows maximum flexibility- tilts and swivel your TV for easy viewing from any seat in a room
- Post-installation level adjustment allows the TV to „roll“ up to 3° clockwise and counterclockwise to ensure it‘s perfect level
- Integrated cable management system keeps cables organized and protected
- Wide wall plate fits for stud installation

**Technical Data:**
- Material: Steel
- Product weight: 7kg
- Recommended Screen Size: up to 177.8 cm (37“-70“)
- Installation: Solid wall, Double Stud
- Max. Load Capacity: 35 kg
- Max.Hole Pattern: 600 x 400mm
- VESA Standard: 200x200, 400x200, 300x300, 400x300, 400x300, 600x400
- Max.VESA: 600 x 400
- Tilt:-20°
- Level



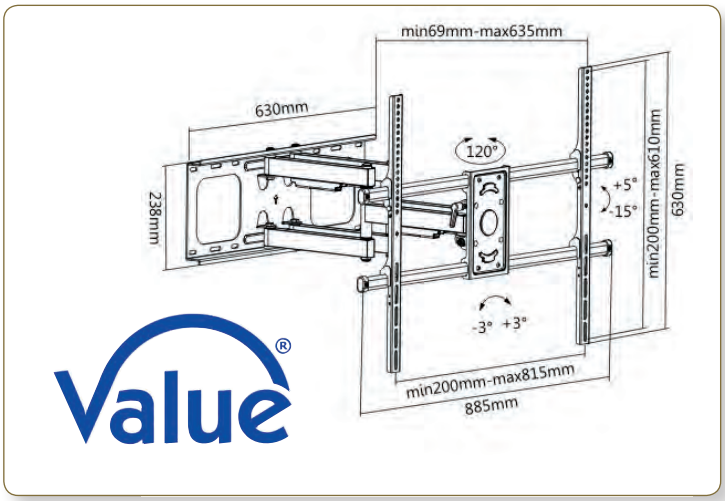



| | Order-No. – P.U. |
|---|---|
| VALUE Solid Articulating Wall Mount TV Holder, up to 177.8cm (37“ – 70“) | 17.99.1208 – 3 |

## VALUE Solid Articulating Wall Mount TV Holder, up to 228.6cm (50“ – 90“)

- Dual-arm full-motion wall mount for TVs (LED, LCD flat panel TVs) up to 228,6 cm (50‘‘- 90‘‘)
- Max. weight: 75 kg
- This mount extends out 635 mm from wall and allows TVs to turn 60° left or right
- Full motion allows maximum flexibility- tilts and swivel your TV for easy viewing from any seat in a room
- Post-installation level adjustment allows the TV to „roll“ up to 3° clockwise and counterclockwise to ensure it‘s perfect level
- Integrated cable management system keeps cables organized and protected

**Technical Data:**
- Material: Steel
- Product weight: 12kg
- Recommended Screen Size: 50“- 90“ (127 cm- 228,6 cm)
- Installation: Solid wall, Double Stud
- Max. Load Capacity: 75 kg
- VESA Standard: 200x200, 400x200, 300x300, 400x400, 600x400, 800x400, 800x600
- Max.VESA: 800x600
- Tilt:-15°~+5°
- Swivel:-60°~+60°






| | Order-No. | – P.U. |
|---|---|---|
| VALUE Solid Articulating Wall Mount TV Holder, up to 75kg | 17.99.1207 | – 2 |

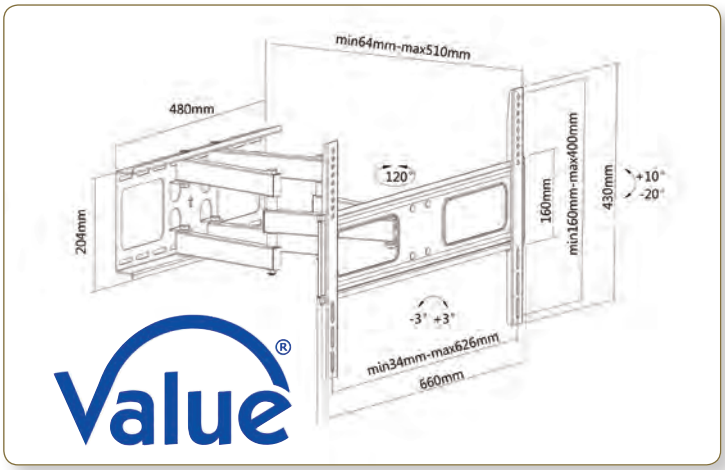
## VALUE Solid Articulating Wall Mount TV Holder, up to 177.8cm (37“ – 70“)

- Dual-arm full-motion wall mount for TVs (LED, LCD flat panel TVs) up to 177,8cm (37‘‘- 70‘‘)
- Max. weight: 50kg
- This mount extends out 510mm from wall and allows TVs to turn 60° left or right
- Full motion allows maximum flexibility- tilts and swivel your TV for easy viewing from any seat in a room
- Post-installation level adjustment allows the TV to „roll“ up to 3° clockwise and counterclockwise to ensure it‘s perfect level
- Integrated cable management system keeps cables organized and protected
- Wide wall plate fits for 406/450mm stud installation

**Technical Data:**
- Material: Steel

| | |
|---|---|
| - Product weight: | 7 kg |
| - Recommended Screen Size: | up to 177,8cm (37“-70“ ) |
| - Installation: | Solid wall, Double Stud |
| - Max. Load Capacity: | 50kg |
| - Max.Hole Pattern: | 626X400mm |
| - VESA Standard: | 200x200,400x200, 300x300,400x400,600x400 |
| - Max.VESA: | 600x400 |
| - Tilt: | -20° ~ +10° |
| - Swivel: | -60° ~ +60° |
| - Level Adjustment | -3° ~ +3° |

**Installation Video**







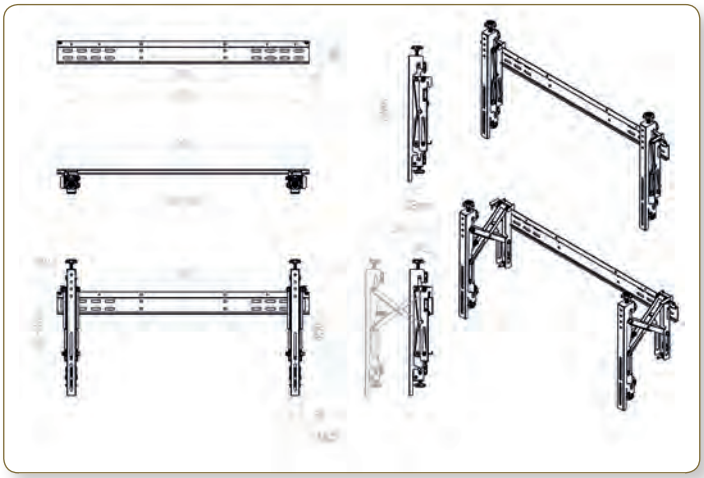
| | | Order-No. | – P.U. |
|---|---|---|---|
| VALUE Solid Articulating Wall Mount TV Holder, up to 177.8cm, black | A | 17.99.1205 | – 2 |
| VALUE Solid Articulating Wall Mount TV Holder, up to 177.8cm, white | B | 17.99.1206 | – 2 |

## ROLINE Digital Signage Video Wall Solution

MEDICAL ENVIRONMENT

For what types of businesses are these products commonly used?
- Trade Shows & Convention Centers
- Retail Stores- for shoppers to participate in giveaways or learn more about the range of offered products

**Highlights:**
- Aligning of the the displays very quickly
- Lock screw to set position if desired
- TFT Orientation: Vertical
- Universal mount style fits various sizes of most displays with VESA max.600x400 mm
- Push-out open mount providing easy maintainance access
- Max. Weight load capacity: 50 kg
- **The solution consists of two brackets; so you need as for a small video wall (2x 2 monitors) twice this article**
- Colour: black
- Contents: 2x supports









| | Order-No. – P.U. |
|---|---|
| ROLINE Digital Signage Video Wall Solution | 17.03.1252 – 1 |

## ROLINE Digital Signage Stand

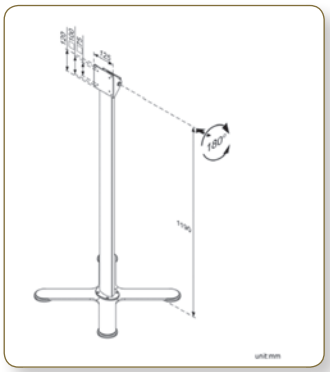
- How can an a digital signage stand benefit your business? There are a lot of possibilities, and they can be used across a wide variety of settings including retail stores & trade shows. That enables users to take projects and presentations on the road with ease.
- Digital Signage stands turn a tablet into a versatile workstation or customer information center. Pre-load apps and software for customers to use that is tailored to your business.

**For what types of businesses are these products commonly used?**
- Hotels- for guests to check in/out or to request room accommodations
- Restaurants & Food Service Locations- reservation of seating or food order
- Trade Shows & Convention Centers
- Retail Stores- for shoppers to participate in giveaways or learn more about the range of offered products
- Car Dealerships- for customers to see individual features on new models, check in for vehicle maintenance services or queue up to meet with a dealer

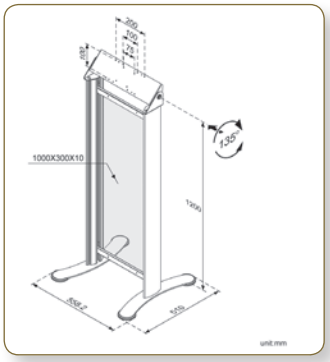
- Designed with heavy duty extruded alloy
- Lock screw to set position if desired
- TFT Orientation: Vertical or Horizontal
- Suitable for Indoor Use Only
- Universal mount style fits various sizes of most displays with VESA max.100x100 mm (17.03.1250) and max. 100x200 mm (17.03.1251)
- Cables can go through the tube (only 17.03.1250)
- Max. Weight load capacity: 10kgs
- Colour: silver
- Additional advertising area max. 380 x max. 900 mm (height is individually adjustable) only for 17.03.1251

**REMARK: Display is NOT included**





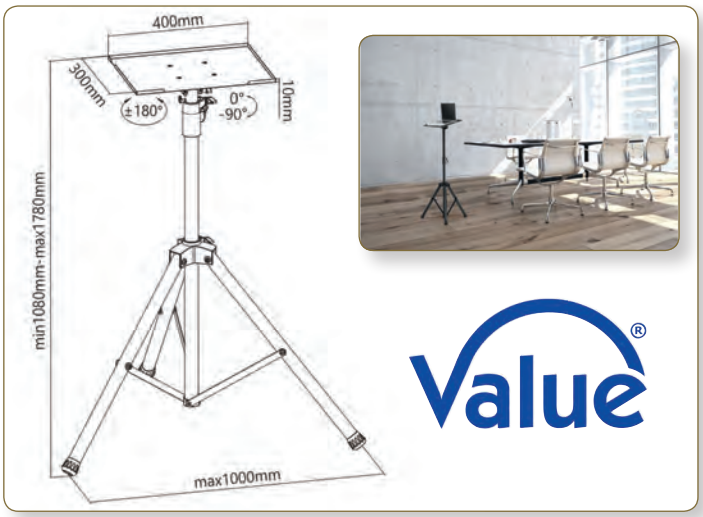



| | | Order-No. – P.U. |
|---|---|---|
| ROLINE Digital Signage Stand | A | 17.03.1250 – 1 |
| ROLINE Digital Signage Stand, Advertising | B | 17.03.1251 – 1 |

## VALUE Height Adjustable Multi-Purpose Tripod Stand

**This tripod multi-purpose stand is a practical solution that fits for numerous applications. Attached to the top of the quality steel stand is a 90° tiltable VESA plate that holds most any laptop or equipment used to work or for presentations.**
**You can move from one location to another knowing you'll have the right equipment with you.**

- Non-Skid rubber pads: protect the work surface from scratches or scuffs
- Easy-Grip knobs: for quick tilt and lock
- Locking rotary knob: ensures a secure position at any height setting
- Safety ledge stopper: prevents your devices from slipping
- Height Adjustment: satisfies user's different preferences
- Infinitely height-adjustable (min. 1080 mm- max. 1780 mm)
- With a working area of 400 x 300 mm this workstation offers enough space for notebook/laptop or beamer
- VESA compatible (75 x 75 mm / 100 x 100 mm) when using a monitor (max. 81cm diagonal if a monitor is used)
- Maximum load capacity: up to 15 kg
- Rounded corners and edges
- Color: black
- Delivery is made carton-packed, minor self-assembly required







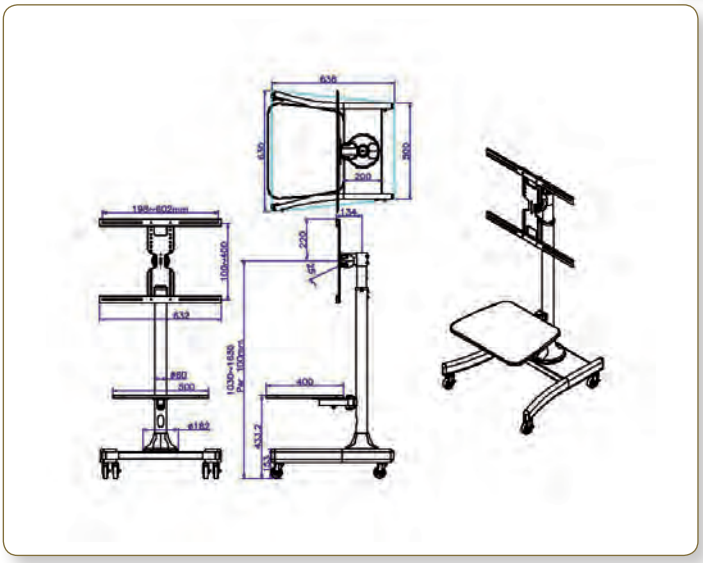


| | Order-No. | – P.U. |
|---|---|---|
| VALUE Height Adjustable Multi-Purpose Tripod Stand, black | 17.99.1168 | – 1 |

## VALUE LCD/TV Mobile Cart

Ideal for applications in conference rooms or class rooms!

- For an easy mobile use of a large LCD monitor or TV
- For fixing LCDs with:
- Handy holders for moving the stand
- Platform for a DVD player or notebook
- Cable channel inside vertical carrier





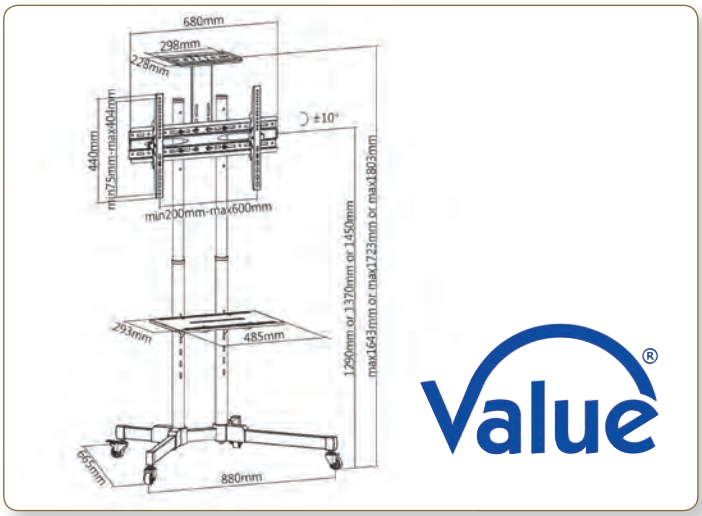
| | Order-No. | – P.U. |
|---|---|---|
| VALUE LCD/TV Mobile Cart | 17.99.1164 | – 1 |
| VALUE LCD/TV Mobile Cart, heavy weight (up to 125kg) | 17.99.1165 | – 1 |

## VALUE LCD/TV Mobile Cart, < 50kg (94 - 178cm / 37“ — 70“)

**Ideal for applications in conference rooms or class rooms!**

• For mounting screens with:
Horizontal mounting: 20 cm to 60 cm
Vertical mounting: 7,5 cm to 40 cm
• For LCD monitors up to 50 kg
• Screen diagonal: 94- 178 cm
• Adjustable height: 129cm / 137cm / 145 cm
• Platform for a DVD player or notebook e.g. a DVD player (surface 293 x485 mm; max. 10kg)
• Cable duct in the vertical carrier





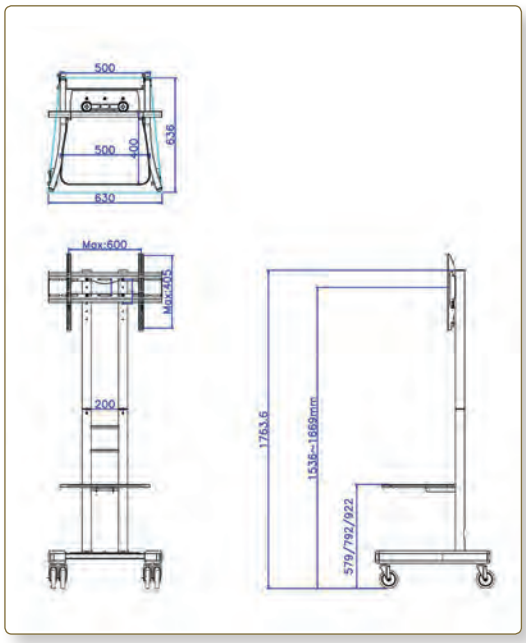

Video



| | Order-No. – P.U. |
|---|---|
| VALUE LCD/TV Mobile Cart, < 50kg (94 - 178cm / 37“ - 70“) | 17.99.1167 – 1 |

## VALUE LCD/TV Mobile Cart, up to 50kg (69 - 165 cm / 27“ to 65“)

**A classic TV cart, ideal for use in presentation rooms or classrooms - with a carrying capacity of up to 50kg!**
The LCD Monitor Roll Stand for easy mobile use of a large LCD monitor or TV
• For mounting screens with:
- Horizontal mounting: 10 to 60cm
- Vertical mounting: 10 to 40cm
• For LCD monitors up to 50 kg
• Maximum screen size (diagonal): 69- 165 cm
• Adjustable height: 153- 166 cm
• Base plate for e.g. a DVD player; Blu-Ray player (max. load 5kg)
• Cable duct in the vertical carrier
• Material: plastic, MDF, steel
• Color: Black

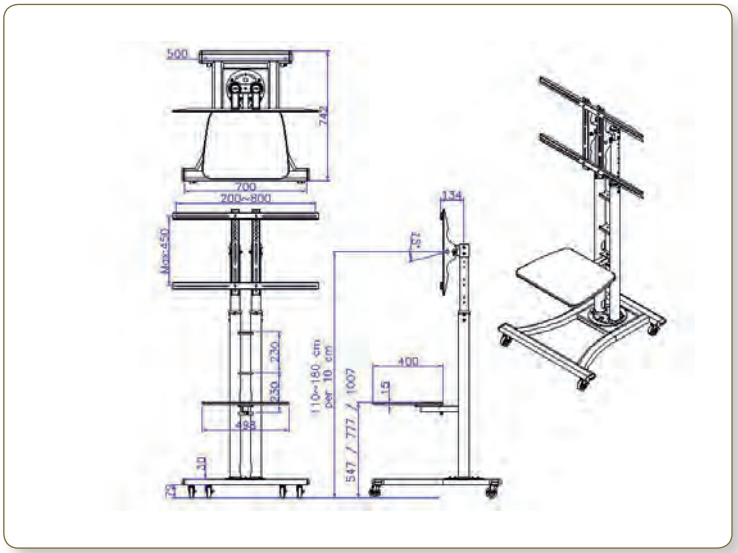





| | Order-No. – P.U. |
|---|---|
| VALUE LCD/TV Mobile Cart, up to 50kg (69 - 165 cm / 27“ to 65“) | 17.99.1175 – 1 |

## VALUE LCD/Plasma TV Cart, silver

Ideal for applications in conference rooms or class rooms!
- For an easy mobile use of a large LCD monitor or flat-screen TV
- For fixing LCDs with screen size: 69- 152 cm (27“- 60“)
- Load capacity: up to 50 kg
- Adjustable hight: 110 up to 180 cm
- TV can be tilted downward up to 15 degrees
- Platform for e. g. holding a DVD player or notebook (WxD): 498 x 400 mm
- Cables can go through the tube
- Four wheels for easy movement whereof two are lockable







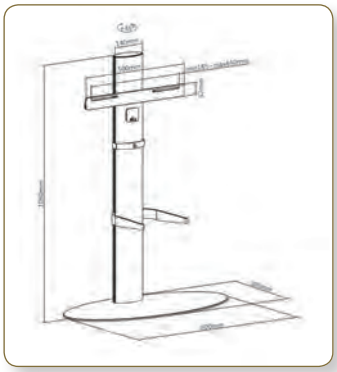

| | Order-No. | P.U. |
|---|---|---|
| VALUE LCD/Plasma TV Cart, silver | 17.99.1320 | 1 |

## ROLINE LCD/TV Floor Stand, up to 40kg

**The silver stand made of sturdy, matt aluminium is ideal for a TV that is to be placed and aligned centrally in the room - ideal for presentation and meeting rooms, but also for home use. The shelf offers space for a game console, a BluRay player or a receiver.**

- Silver aluminium TV stand
- Height adjustable TV mount between 900-1060mm
- Best possible cable management due to the aluminium body
- Sturdy base plate
- +/- 45° rotation for the best possible room orientation
- Supports max. VESA: 400x400
- Maximum screen size: 32“-55“
- Maximum load capacity: 40kg







| | Order-No. | P.U. |
|---|---|---|
| ROLINE LCD/TV Floor Stand, up to 40kg | 17.03.1262 | 1 |

## ROLINE LCD/TV Mobile Cart, up to 50 kg

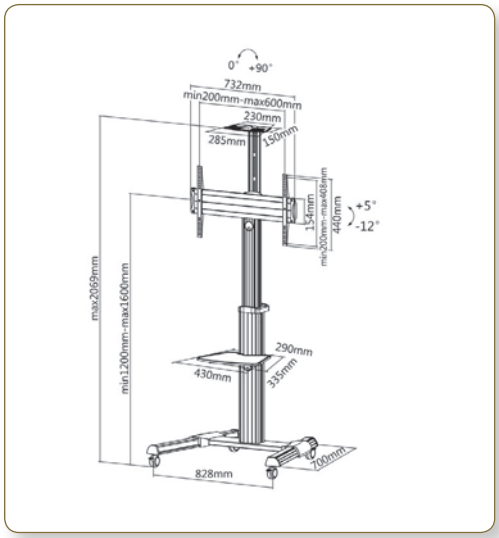
MEDICAL ENVIRONMENT

**Ideal for applications in conference or class rooms, easily suitable for meetings and presentations!**

- Telescopic Height Adjustable TV Cart
- Rotating function of 0°-90° to switch between „landscape“ and „portrait“ mode
- Optional Webcam Mount included in the scope of delivery
- Height adjustable TV mount
- Free-tilting design between +5° and-12° for multiple monitor viewing angles
- Quick-release spring lock adjusts height effortlessly
- Quick assembly shelf assures easy post-intallation
- Cable management keeps everything organized
- Sturdy base with heavy-duty casters
- Supports max. VESA: 600x400
- Suggested screen size: up to 94 cm- 177.8 cm (37“-70“)
- Maximum weight capacity: 50kg

Installation Video








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| | Order-No. – P.U. |
|---|---|
| ROLINE LCD/TV Mobile Cart, up to 50 kg | 17.03.1260 – 1 |

## ROLINE LCD/TV Mobile Cart, up to 100 kg

MEDICAL ENVIRONMENT

**Ideal for applications in conference or class rooms, easily suitable for meetings and presentations!**

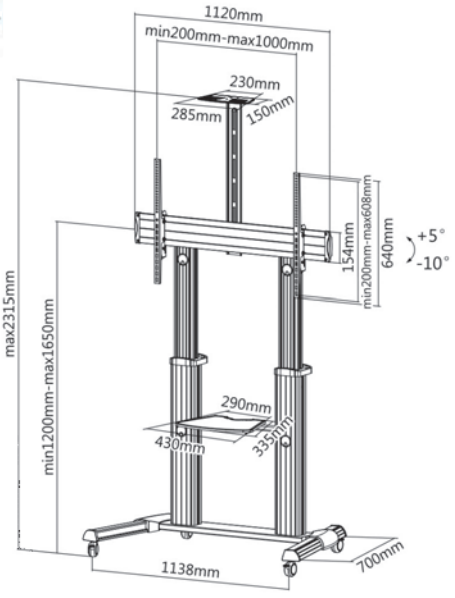
- Telescopic Height Adjustable TV Cart
- Height adjustable TV mount
- Optional Webcam Mount included in the scope of delivery
- Free-tilting design between +5° and-10° for multiple monitor viewing angles
- Quick-release spring lock adjusts height effortlessly
- Quick assembly shelf assures easy post-intallation
- Cable management keeps everything organized
- Sturdy base with heavy-duty casters
- Supports max. VESA: 1000x600
- Suggested screen size: up to 152,4 cm - 254 cm (60“-100“)
- Maximum weight capacity: 100kg





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Installation Video



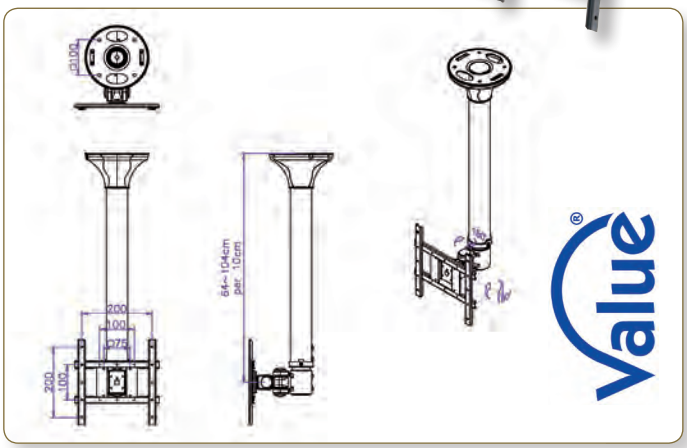

| | Order-No. – P.U. |
|---|---|
| ROLINE LCD/TV Mobile Cart, up to 100 kg | 17.03.1261 – 1 |

## VALUE LCD TV Ceiling Mount



- Firm mounting of a LCD monitor on a ceiling
- Arm length: 64.5- 104.5 cm
- Load capacity: up to 20 kg
- Cables can be layed inside the arm
- LCD monitor can be swiveled and tiltled
- Meets VESA 75 x 75 mm,
  VESA 100 x 100 mm,
  VESA 100 x 200 mm,
  VESA 200 x 200 mm
- Contents: Ceiling mount, mounting material, manual

| | |
|---|---|
| Technical data: | 17.99.1107 |
| Fixing: | ceiling mount |
| Load capacity: | up to 20 kg |
| Joints: | 2 |
| Arm length: | 65 - 104 cm |

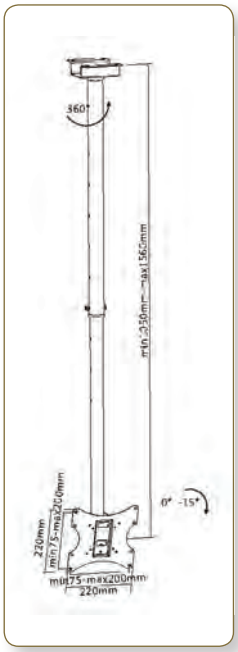



| | Order-No. | P.U. |
|---|---|---|
| VALUE LCD TV Ceiling Mount, 3 Joints | 17.99.1107 | 2 |

## VALUE LCD/TV Ceiling Mount, 50kg



- Ceiling mount for a monitor/TV up to 42“
- Load capacity: up to 50 kg
- Meets VESA 75 x 75, 100 x 100, 100 x 200 ou 200 x 200 mm
- Arm length: 105- 156 cm
- -15° tilt; 360° swivel
- Contents: supporting arm



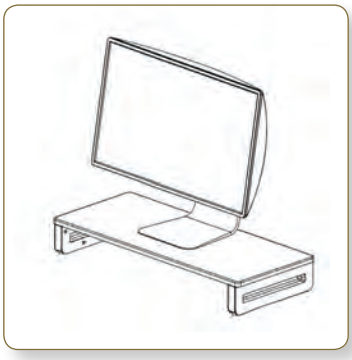

| | Order-No. | P.U. |
|---|---|---|
| VALUE LCD/TV Ceiling Mount, 50kg | 17.99.1217 | 1 |

## VALUE Height-adjustable Monitor/Laptop Stand

**Monitor/laptop stand made of wood, 2-step height adjustment and with cable suspension for a clean, tidy workplace**

- Large platform footprint (600x250mm) for up to two monitors or laptop and devices such as speakers or pen holders
- Cable suspension on the rear for space-saving and tidy cable management
- Under the monitor platform there is plenty of space for documents or also for temporary storage of the keyboard
- Loadable up to 20kg
- Dimensions (WxHxD): 600 x 90/115 x 250mm
- Colour: black







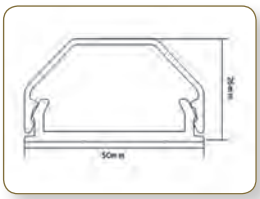


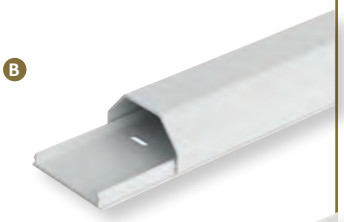
| | Order-No. | P.U. |
|---|---|---|
| VALUE Height-adjustable Monitor/Laptop Stand, black | 17.99.1340 | 6 |
| VALUE Height-adjustable Monitor/Laptop Stand, black, extra-large | 17.99.1341 | 6 |

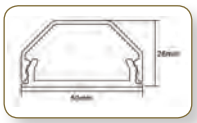
## ROLINE Cable Cover, Aluminium, 33 x 26mm / 50 x 26mm

**ROLINE cable bridge made of lightweight, solid aluminium - with a large cable duct and intelligent folding mechanism for quick and easy adaptability.**

- Closed rail for cable routing on the wall
- Unobtrusive design, best suited for offices and private users
- Very stable, therefore also suitable as floor rail
- Large opening for power and data cables
- Two-piece construction: Lower part with screw holes and rounded cover panel
- Colour: white
- Material: Aluminium
- Content: 1x cable cover 33 / 50 x 1100 x 26 mm








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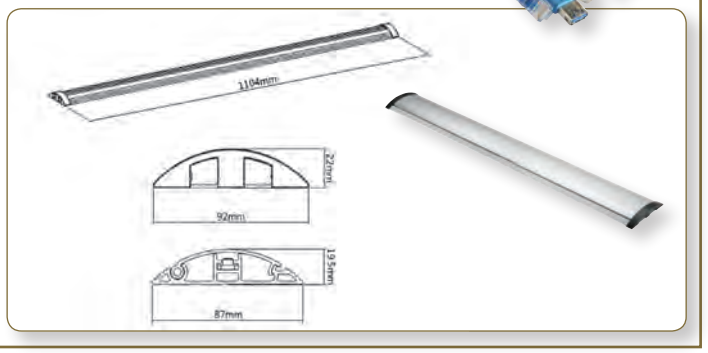
| | | Order-No. | P.U. |
|---|---|---|---|
| ROLINE Cable Cover, Aluminium, 33x26mm, white, 1.1 m | A | 19.08.3110 | 10 |
| ROLINE Cable Cover, Aluminium, 50x26mm, white, 1.1 m | B | 19.08.3111 | 10 |

## ROLINE 2-Channel Aluminum Floor Cable Cover, 1104 x 139 / 92 mm

**ROLINE cable bridge made of lightweight, solid aluminium - with two large cable ducts and intelligent folding mechanism for quick and easy adaptability.**

- For covering loose cables on the floor
- Two large cable ducts for the feed-through and separation of voltage and data cables
- Protects against tripping hazards
- Modern, unobtrusive design that is ideal for everyday office and industrial use
- Folding mechanism for quick and easy cable laying
- Openings with black plastic covers to protect against scratches
- Material: aluminium
- Dimensions (WxDxH): 139mm / 92mm x 1104 x 22mm
- Colour: silver






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| | Order-No. | P.U. |
|---|---|---|
| ROLINE 2-Channel Aluminum Floor Cable Cover, 1104 x 139 mm | 19.08.3106 | 4 |
| ROLINE 2-Channel Aluminum Floor Cable Cover, 1104 x 92 mm | 19.08.3107 | 6 |

## VALUE Cable Box, small/ large

- Suitable next to desktops, TV / multimedia systems, etc.
- For an organized desktop/office
- To hide tangled cables / power sockets
- Opening for cable exit on both sides
- Dustproof
- Easy to store
- White plastic box
- Dimensions:
  235 x 115 x 120 mm (small)
  407 x 157 x 133.5 mm (large)





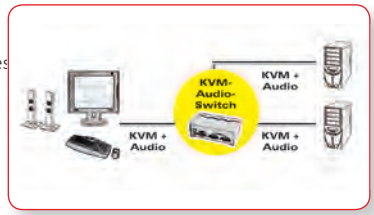

Value®

| | | Order-No. | P.U. |
|---|---|---|---|
| VALUE Cable Box, small, white | A | 19.99.3236 | 8 |
| VALUE Cable Box, large, white | B | 19.99.3237 | 4 |

## VALUE KVM Switch, 1 User - 2/4 PCs, DVI, USB, Audio

- Automatic KVM Switch
- Up to 2/4 PCs can be used with only one Keyboard (USB), one mouse (USB) and one monitor (DVI-I)
- PC side connectors: 2x/4x DVI F, 2x/4x USB Type B, 2x 3.5 mm Stereo Jack
- Console side connectors: 1x DVI F, 2x USB Type A, 2x 3.5 mm Stereo Jack
- The switching can be done on several ways:
  - Automatically in a scan run
  - Manually by buttons on front side of switchbox
  - Hot key (keyboard combination)
- Fully compliant with USB 1.1
- LEDs for easy status monitoring
- Contents: KVM Switch, manual, cables






| Technical Data: | 14.99.3246 | 14.99.3247 |
|---|---|---|
| Monitor connection: | 1x DVI F | 1x DVI F |
| Keyboard connection: | 1x USB Type A F | 1x USB Type A F |
| Mouse connection: | 1x USB Type A F | 1x USB Type A F |
| Audio connection: | 2x 3.5mm Stereo Jack | 2x 3.5mm Stereo Jack |
| PC monitor connection: | 2x DVI (DVI-I) F | 4x DVI (DVI-I) F |
| PC connection: | 2x USB Type B F | 4x USB Type B F |
| Max. resolution (nominal): | 2560x1600 | 2560x1600 |
| PC audio connection: | 1x 3.5mm Stereo Jack | 1x 3.5mm Stereo Jack |
| Casing: | Metal | Metal |

| | Order-No. | P.U. |
|---|---|---|
| VALUE KVM Switch, 1 User - 2 PCs, DVI, USB, Audio | 14.99.3246 | 10 |
| VALUE KVM Switch, 1 User - 4 PCs, DVI, USB, Audio | 14.99.3247 | 8 |

## ROLINE Dual Head KVM Switch, 1 User - 4 PCs, DVI, Audio

- Supports DVI dual head graphic cards
- Controls two computers with one USB keyboard, USB mouse and four DVI monitors
- Audio function (speaker, microphone)
- Supports DVI-D Single Link
- Max. resolution (nominal): up to 1920 x 1200
- Front panel push buttons, keyboard hot-keys or mouse (optional) for easy computer selection
- Auto scan function with selectable scan time interval
- Auto skip for inactive ports
- Easy to install- no software required
- Hot-pluggable
- Supported Operating Systems: Windows, Mac
- Contents: Switch, power supply, manual

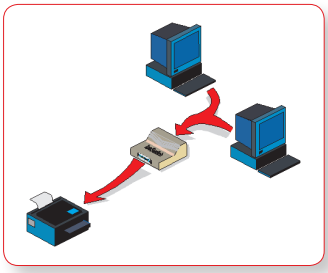



| Technical data: | 14.01.3362 |
|---|---|
| Monitor connection: | 2x DVI F |
| Keyboard/mouse connection: | 2x USB type A F |
| Audio connection: | 2x 3.5 mm F |
| PC monitor connection: | 8x DVI F |
| PC keyboard/mouse connection: | 4x USB type B F |
| PC audio connection: | 8x 3.5 mm F |
| Max. resolution (nominal): | 1920 x 1200 |
| Dimensions (WxDxH): | 44 x 340 x 114 mm |
| Power supply: | 9 VDC, 1 A |

| | Order-No. | P.U. |
|---|---|---|
| ROLINE Dual Head KVM Switch, 1 User - 4 PCs, DVI, Audio | 14.01.3362 | 2 |

## ROLINE Manual USB 2.0 Printer Switches

- This USB switch offers the possibility for 2 PCs to share a single USB device (e.g. a USB printer or scanner)
- Access to the USB device is via push button on switch or via hot key on keyboard
- Supports USB 2.0
- Two LEDs for port status indicaton
- Bus-powered mode, no external power supply needed
- Remark: Product similar to picture (4-port version)
- Contents: Switch, manual





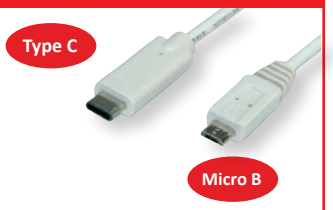
| Technical information | 14.01.2332 | 14.01.2334 |
|---|---|---|
| Input connections | 2x USB Type B | 4x USB Type B |
| Output connections | 1x USB Type A | 1x USB Type A |
| Dimensions (HxWxD) | - | - |

| | Order-No. | P.U. |
|---|---|---|
| ROLINE Manual USB 2.0 Printer Switch, 2 Ports | 14.01.2332 | 20 |
| ROLINE Manual USB 2.0 Printer Switch, 4 Ports | 14.01.2334 | 20 |

## VALUE USB 2.0 Cables, C - Micro B

To connect smartphones, tablet PCs, external hard drives, MP3 players and other micro B USB devices to your PC, laptop or charger with the new type C connection.

- USB 2.0 connection cable with micro B to type C male/male connector
- Suitable for data transfer rates of up to 480 Mbit/s
- Backwards compatible with USB 1.0
- Connectors: 1x USB Micro B connector, 1x USB type C connector
- Type: C- Micro B
- Colour: white




| | Order-No. | P.U. |
|---|---|---|
| VALUE USB 2.0 Cable, C - Micro B, M/M, white, 1.0 m | 11.99.9020 | 10 |
| VALUE USB 2.0 Cable, C - Micro B, M/M, white, 2.0 m | 11.99.9021 | 10 |

## VALUE USB 3.0 Cables, C - B

**To connect e.g. external hard drives (HDD/SSD) and other USB devices to your PC, laptop or charger with the new USB Type C connection.**

- USB 3.0 connection cable with Type B to Type C male/male connector
- Suitable for data transfer rates of up to 5 Gbit/s
- Connectors: 1x USB Type B connector, 1x USB Type C connector
- Color: white



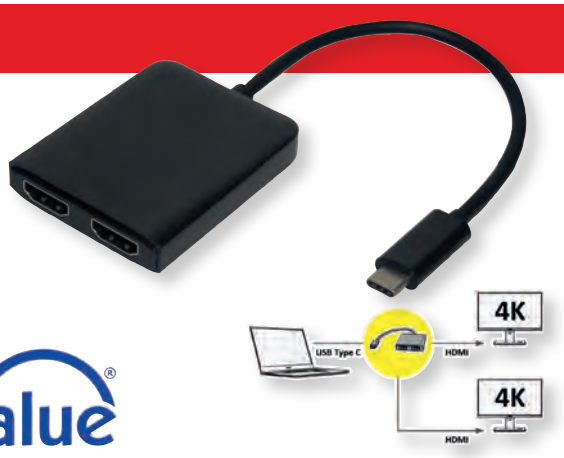
| | Order-No. | P.U. |
|---|---|---|
| VALUE USB 3.0 Cable, C - B, M/M, 1.8 m | 11.99.8880 | 10 |
| VALUE USB 3.0 Cable, C - B, M/M, 3.0 m | 11.99.8881 | 10 |

## VALUE Type C - 2x HDMI Adapter, M/F

**USB 3.1 Type C to Dual HDMI Cableadapter for Macbook, Ultrabook, Notebook/Laptop or PC - allows you to mirror or extend your existing screen at a resolution of up to 3840x2160 @30Hz!**

- USB 3.1 Type C to 2x HDMI cable adapter for e.g. MacBook
- Connect your device with USB Type C connection to an HDMI monitor or projector with HDMI input
- Mirror or extend your image to up to two display devices
- Portable, compact design
- No power supply required
- Connections: 2x HDMI socket and type C plug
- Cable length: approx. 10 cm

Note: According to the current specifications of USB.org we have adapted the technical data of our USB 3 products. The new designation for the already known USB specifications has been changed to USB 3.2 Gen 1 (formerly USB 3.0 / USB 3.1 Gen 1) and USB 3.2 Gen 2 (formerly USB 3.1 / USB 3.1 Gen 2).




| | Order-No. – P.U. |
|---|---|
| VALUE Type C - 2x HDMI Adapter, M/F | 12.99.1132 – 10 |

## ROLINE Type C - VGA Adapter, M/F, + 1x USB 3.2 Gen 1 A F, + 1x Type C (Power Delivery)

**Connect your Macbook, Ultrabook, Notebook/Laptop or PC with Type C interface to a VGA display or projector!**

- USB 3.1 Type C to VGA Cableadapter for Macbooks, Ultrabooks, Notebooks/Laptops and PCs with Type C interface.
- Connect your device with USB Type C port to any VGA display or projector
- This adapter allows you to mirror or extend your display to your VGA-enabled TV or display
- Portable design
- No additional power adapter required
- Power Delivery Function (for charging of devices via the additional type-C connection, 20V3A)
- Connectors: Type C Male, VGA Female; additional Type A and Type C Female
- Cable length: ca. 10 cm
- Note: According to the current specifications of USB.org we have adapted the technical data of our USB 3 products. The new designation for the already known USB specifications has been changed to USB 3.2 Gen 1 (formerly USB 3.0 / USB 3.1 Gen 1) and USB 3.2 Gen 2 (formerly USB 3.1 / USB 3.1 Gen 2).
- Contents: Cable adapter



| | Order-No. – P.U. |
|---|---|
| ROLINE Type C - VGA Adapter, M/F, + 1x USB 3.2 Gen 1 A F, + 1x Type C (Power Delivery) | 12.03.3202 – 10 |

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## ROLINE Type C - 2x DP (MST- MultiStream) Adapter, M/F

- USB 3.1 Type C to Dual DisplayPort Cableadapter for Macbook, Ultrabook, Notebook/Laptop or PC
- Supports MST (Multi Stream Transport) function, allowing you to use multiple monitors over just one port
- Connect your device with USB Type C port to any DisplayPort enabled display or projector
- This adapter allows you to mirror or extend the display of your device to any DisplayPort enabled TV or display
- Portable design
- No power adapter required
- Connectors: 2x DP Female and Type C Male
- Cable length: ca. 10 cm
- Note: According to the current specifications of USB.org we have adapted the technical data of our USB 3 products. The new designation for the already known USB specifications has been changed to USB 3.2 Gen 1 (formerly USB 3.0 / USB 3.1 Gen 1) and USB 3.2 Gen 2 (formerly USB 3.1 / USB 3.1 Gen 2).




| | Order-No. – P.U. |
|---|---|
| ROLINE Type C - 2x DP (MST- MultiStream) Adapter, M/F | 12.02.1133 – 5 |

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## ROLINE Device Server 1x RS232, for DIN Rail, black

- Expands RS232 COM ports over Ethernet networking
- Mode: Asynchronous serial communication
- Connectors: 1x DB9 M, 1x RJ-45 (10/100 Mbit/s)
- 10/100 Mbit/s, auto MDI/MDIX
- Gateway, IP address
- Baud rate up to 460.3 Kbit/s
- Operation mode: VSP COM (Virtual Serial Port), TCP Server, TCP Client, UDP, Paired Mode
- Signals: TXD, RXD, RTS, CTS, DTR, DSR, DCD, GND
- Flow Control: RTS/CTS, X-On/X-Off
- Supports HTTP, DHCP, ICMP (PING), Static IP and ARP
- 15 kV ESD protection for RS232 serial port
- For DIN Rail mounting
- Power connectors: 2-pin terminal block, DC socket
- Power Input: 9- 30VDC or main adapter 12 VDC, 1A
- Supported Operating Systems: Windows 2000 / XP / 2008 / Vista/ 7 / 8 (32/64-bit)

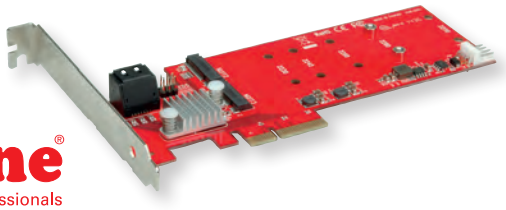


| | Order-No. – P.U. |
|---|---|
| ROLINE Device Server 1x RS232, for DIN Rail, black | 15.06.0503 – 4 |

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## ROLINE PCIe Adapter RAID

- Hardware PCIe Adapter 2x 110mm M.2 NGFF SSD
- Supports 6Gbps, 3Gbps SATA based M.2 NGFF 110mm, 80mm, 60mm, 42mm, 30mm SSD
- 2x M.2 NGFF type 22110-D5-B connector on board
- Movable M.2 NGFF stand-off and multiple plated-holes supports type 22110, 2280, 2260, 2242 and 2230 SSD
- Supports dual-sided SSD module 1.5mm component height on the top and bottom side
- 4pin power connector on board (12V)
- Transparent to the operating system and no driver required
- Supports: Windows 7 / 8 / 10, Vista, Server 2008/2012 (64bit / 32bit), and Mac OS 10.x
- Contents: Adapter, driver CD, manual

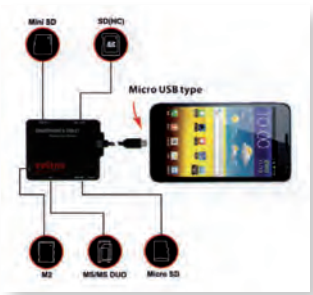


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| | Order-No. – P.U. |
|---|---|
| ROLINE PCIe Adapter RAID, 2x M.2+2x SATA | 15.06.2119 – 10 |

## ROLINE USB 2.0 CardReader for Smartphone+Tablet

- Suitable for all Android Smartphones/ Tablets with a Micro B USB interface which enables OTG function
- Transfer your precious vacation pictures from the memory card of your digital camera on your Android smartphone / tablet using the ROLINE card reader
- Supports USB 2.0
- Card Reader works with multiple media, as e.g. SD (Secure Digital) Card, SDHC, MS (Memory Stick), MS Duo, mini/micro SD
- No adapter required for Micro SD/ M2 Cards
- Supported Operating Systems: Android
- Contents: Card Reader






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| | Order-No. – P.U. |
|---|---|
| ROLINE USB 2.0 CardReader for Android Smartphone+Tablet | 15.08.6252 – 10 |

## VALUE Flexible Smartphoneholder with USB Charger

**Practical combination of a Smartphone holder and USB Charging Station**

- Smartphone holder with gooseneck
- Suits for various smartphones thanks extendable bracket (width about 5-8cm, height approx 12- 16cm)
- Ball joint allows optimal alignment of the smartphone
- No scratches because of rubberized surfaces
- Easy charging of smartphones and other devices via USB port in the car
- Also suitable for portable navigation devices which needs a USB power supply
- Car plug as the basis
- Two USB outputs, type A Female
- Input voltage: DC 12V- 36V (with surge protection)
- Output voltage: 2x USB 5V / 2.1A



Value

| | Order-No. – P.U. |
|---|---|
| VALUE Flexible Smartphoneholder with USB Charger | 19.99.1050 – 5 |

## VALUE Car Smartphoneholder, Air vent fixing

**Practical holder for Smartphones - for many car types suitable thanks to the attachment on the grating**

- Suites for various smartphones thanks extendable bracket (width about 5-8cm, height approx 12- 16cm)
- Ball joint allows an optimal alignment of the smartphone
- No scratches because of rubberized surfaces (soft touch finish to protect your smartphone)
- Also suitable as a holder for portable navigation devices (use your smartphone as a navigation sytem)
- Air vent smartphoneholder for your car
- 360° rotation
- Easy installation
- Compatible e.g. with iphone 5/6/6plus, Samsung, HTC
- Material: ABS



Value

| | Order-No. – P.U. |
|---|---|
| VALUE Car Smartphoneholder, Air vent fixing | 19.99.1051 – 5 |

## ROLINE Bluetooth Speaker, waterproof

- Portable Bluetooth speaker
- IP X6 waterproof (splashing water,to avoid a completely submersed in water functionality)
- Stereo sound, passive radiator for enhanced bass
- Bluetooth 3.0, range up to 10 meters
- Hands-free function and built-in microphone
- Playing music up to 5 hours, charging time 2.5 hours
- Line-in port(AUX-in) for use with music players
- Micro USB charging
- Unique design with portable hook
- Built-in Lithium-Ion battery (1000mAh)
- Speaker diameter: 45mm
- Speaker Impendence: 4 Ohm
- Speaker power output: 2x 3W
- Color: black
- Contents: Headset, audio cable, USB charging cable, manual



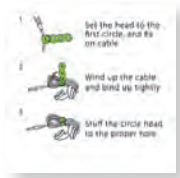


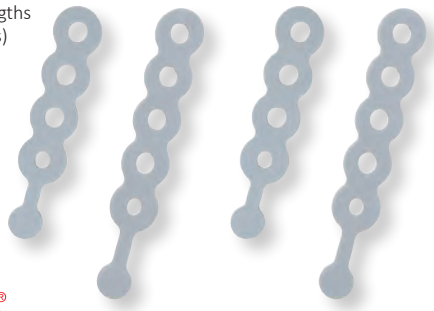

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| | Order-No. – P.U. |
|---|---|
| ROLINE Bluetooth Speaker, waterproof | 15.08.0990 – 5 |

## Hook-and-Loop Stripes

- Versatile and reusable design
- User-friendly
- The detachable silicone closure allows easy but secure closure and opening
- Durable and elastic silicone material
- Available in two different lengths (4 gray hook-and-loop stripes)





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| | Order-No. – P.U. |
|---|---|
| Hook-and-Loop Stripes, 4 pcs. | 19.08.3251 – 25 |

## 28-in-1 Screwdriver Set

- Mini screwdriver series
- Plastic etui
- Precasted holder for tools to avoid loss
- Heavy-Duty handle made of plastic for comfortable operation
- Fast turning swivel caps on handle
- Tools made of Chrome Vanadium alloy

- Contents:
- 1 Handle with bit holder
- 5 Philips bits: PH000, PH00, PH0, PH1, PH2
- 5 Slotted bits: SL1.5, SL1.7, SL2, SL3, SL4
- 8 T-bits: T5, T6, T7, T8, T9, T10, T15, T20
- 7 Hex bits: HN3, HN3.5, HN4, HN4.5, HN5, HN5.5, HN6
- 2 U shape antenna remover
- 1 Hex bit extender
- Leather casing



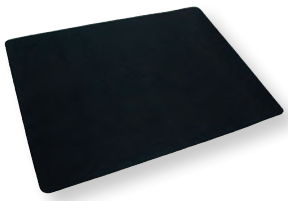
| | Order-No. – P.U. |
|---|---|
| 28-in-1 Screwdriver Set | 19.06.2085 – 20 |

## ROLINE Soft Gaming Pad

- Designed for professional gamers
- Provides excellent gliding of the mouse
- Natural rubber base for maximum grip on any surface
- Excellent performance for laser and optical mice
- Material: Surface: high performance textile surface / Base: nature rubber
- Dimensions: 350 x 260 x 3mm
- Colour: Black



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| | Order-No. – P.U. |
|---|---|
| ROLINE Soft Gaming Pad, black | 18.01.2044 – 20 |

## ROLINE Gaming Mouse Pad

- Designed for professional gamers
- Provides excellent gliding of the mouse
- The fine textured weave increases accuracy and speed, decreases friction
- Sliding fast and reduce wrist strain without the height difference between pad and desk
- Anti-slippery silicone base gives maximum grip
- Compatible with laser and optical mice
- Material: Surface: high quality textile / Base: premium silicone adhesive
- Dimensions: 350x260x3mm
- Colour: Black



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| | Order-No. – P.U. |
|---|---|
| ROLINE Gaming Mouse Pad | 18.01.2045 – 20 |

## USB Type C Measurement Instrument with Display

**This meter allows you to determine the power quality between your USB Type C sockets.**
**Voltage and current are measured simultaneously.**
**Simply connect the meter between your Macbook/notebook and the power supply and read off the charging current - ideal for quick testing of power supplies, sockets and cables!**

- The optimal solution for monitoring the power supply of your USB Type C ports
- With the USB Type C meter you can measure voltage and current of the compatible USB Type C ports.
- Also for measuring USB Type C laptops or smartphones.
- Compact design, with bright, clear display for easy reading of the measured values
- Display of the values in volts, amps and mAh
- Indication of the current direction during charging process
- Passthrough charging functionality: the meter monitors power consumption and simultaneously charges your USB Type C device.
- Bypass of all USB data (Version 1.1 to 3.1 Gen 2): data running over the cable route is not disturbed.
- Without affecting the normal USB operation, also with USB Type C alternate mode-Video and USB Type C charging process
- Maximum voltage and current range: 20V 5A
- voltage and current measurement accuracy +/- 5%.
- Power consumption 5V / 30mA



| | Order-No. – P.U. |
|---|---|
| USB Type C Measurement Instrument with Display | 13.01.3331 – 10 |



## ROLINE USB QC Car Charger, 2 Port, (A + C), 12W

**Now you can easily charge your tablet PC, iPad, smart phone, iPhone, MP3 player and other USB devices in your car!**

- Connector: 1x USB Type A F, 1x Type C F
- Input voltage: DC 12 V- 24 V
- Output voltage:3.6V – 6V 3A / 6.1V – 9V 2A / 9.1V – 12V 1.5A
- Power output: 18W
- Supports Quick Charging to QC 3.0
- Dimensions: 33 x 68 mm

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| | Order-No. | P.U. |
|---|---|---|
| ROLINE USB QC Car Charger, 2 Port, (A + C), 12W | 19.07.1053 | 20 |

## ROLINE USB Power Car Charger

- Car charger with 2 USB type A F connectors
- For power supply and charging of devices with external power supply over USB
- E.g. for MP3 players, mobile phones, smart phones etc.

| Technical data: | 19.07.1055 |
|---|---|
| Input: | 12-24 V DC |
| Output: | 2x USB A F |
| Power: | 15,5W (5VDC;3,1A) |
| Dimensions: | 38 x 75 mm |

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| | Order-No. | P.U. |
|---|---|---|
| ROLINE LED USB Car Charger, 2 Port, 15W | 19.07.1055 | 10 |

## VALUE PoE / PoE+ - Tester/Detector

**With the increase of connecting PoE equipment over data lines you can damage sensitive equipment (like e.g. IP-telephony, access points, routers, network cameras, etc.) with a simple misconnection, therefore you may protect your investment in expensive network equipment by testing the lines before you plug in anything.**

The new useful PoE Finder allows the network administrator to find out in one second if a network cable is supplied with current. Protect old devices and quickly and easily find wires supplied with current. The use of the PoE Finder is very easy. Just plug in the network cable that has to be tested. The LED of the PoE finder will shine if the cable is supplied with power.

- Compact designed PoE tester ideal for testing of PoE installations
- Compliant with 802.3af / 802.3at PoE standard and passive PoE at 10/100/1000 data rates
- Test mode A PoE (pins 12, 36) (Endspan)
- Test mode B PoE (pins 45, 78) (Midspan)




B




A

| | | Order-No. | P.U. |
|---|---|---|---|
| VALUE PoE - Tester/Detector | A | 13.99.3009 | 20 |
| VALUE PoE/PoE+ - Tester/Detector | B | 13.99.3010 | 20 |

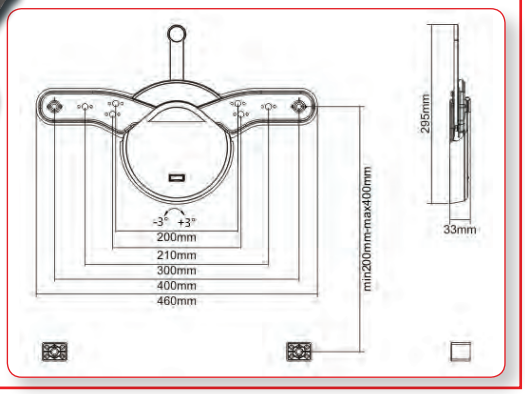
## VALUE LCD/Plasma TV Wall Holder, Low Profile

This wall mount allows a very discreet installation of a LCD/Plasma TV, perfect for e.g. a wooden wall.

- Weight capacity: up to 40 kg
- Screen Size: 81 cm up to 139,7 cm
- Low profile- very small distance to wall, 33 mm
- Max. VESA 400 x 400 mm
- Integrated bubble level assures easy installation alignment
- Innovative quick-release mechanism allows for a quick and easy installation

**Installation Video**






| | Order-No. | P.U. |
|---|---|---|
| VALUE LCD/Plasma TV Wall Holder, Low Profile, black /silver | 17.99.1154 | 10 |

## ROLINE LCD Monitor Wall Mount Kit (Slide)

- Slide-in wall plate provides easy access for attachment and detachment
- 360° rotation allows portrait and landscape viewing
- Pivoting wall mount with pan motion
- Cable management system helps keep cables concealed and organized
- Integrated bubble level assures easy installation alignment
- VESA 75 (75 x 75 mm),VESA 100 (100 x 100 mm) fixation
- Freely tilting allows easy TV angle adjustment (-15° – +15°)
- Swiveling possibility offer maximum viewing flexibility

| **Technical data:** | **17.03.1188** |
|---|---|
| Fixing: | wall mount |
| Load capacity: | 1-15 kg |
| Swivel: | 180° |
| Tiltable up and down: | 15° |
| Arm length: | 25 cm |

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| | Order-No. | P.U. |
|---|---|---|
| ROLINE LCD Monitor Wall Mount Kit (Slide), 4 Joints | 17.03.1188 | 5 |

## Electronic Troubleshooter Kit, 39-piece

**Ideal for electronic / electric telecommunications and computer service workers**
It includes all the most frequently need to repair or maintenance computer or TV, radio set and other electronic equipments.

• Contents:
- Precision grip screwdriver: 4 pcs slotted 1.4, 2, 2.4, 3 mm / 2 pcs. Philips 2.4 mm, 3 mm
- Standard tweezer
- Snap-off blade cutters
- Solder core 15g
- 152 mm adjustable wrench: Hex wrench folding type (1, 1.5, 2, 3, 4, 5, 6 mm)
- Desoldering pump
- Soldering iron 30 Watt

- Soldering accessories: 178 mm brush-knife / 178 mm hook-scraper / 178 mm fork-spike
- 2x 152 mm side cutting plier
- 32 mm long nose plier
- 152 mm long nose plier
- 51 mm diagonal plier
- Tape measure 3.3 m
- 6 pcs. screwdriver set: 3 pcs. slotted 4.7 mm, 5.6 mm, 7.1 mm / 3 pcs. Philips 4 mm, 5 mm, 6 mm
- PVC electrical tape 10 m black
- Solder stand
- Needle file round and flat 170 mm
- Dust-brush
- Flat wrench
- Double head screwdriver (pen-form) slotted (3.2 mm) and Philips (3 mm)



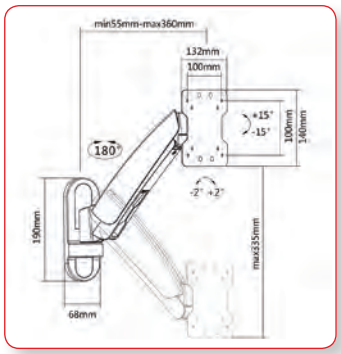
| | Order-No. | – | P.U. |
|---|---|---|---|
| Electronic Troubleshooter Kit, 39-piece | 19.06.2041 | – | 5 |

## VALUE LCD Monitor Arm Gas Spring, Wall Mount

• LCD monitor wall mount
• Arm length: 360 mm
• Weight capacity: max 15 kg
• Meets with VESA 75x75 or 100x100mm
• Monitor can be tilted, swiveled and rotated
• Color: silver
• Monitor can be adjustment:-15°- +15°
• Arm height adjustment: max. 335mm







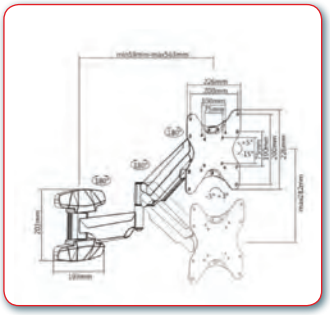

| | Order-No. | – | P.U. |
|---|---|---|---|
| VALUE LCD Monitor Arm Gas Spring, Wall Mount | 17.99.1119 | – | 6 |

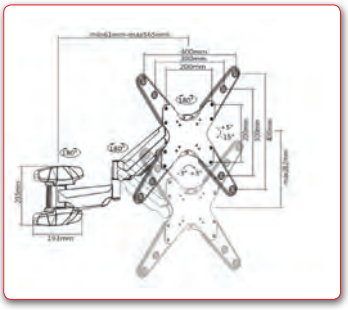
## VALUE LCD/TV Wall Mount, 6 Joints

• The built-in gas spring ensures freely positioning of your screen and it can be easily adjusted to fit varied weights
• Mounts a monitor onto a wall
• Integrated cable management system
• Swiveling arm offer maximum viewing flexibility (+90° –-90°)
• Freely tilting allows easy TV angle adjustment (+5° – 15°)
• Level adjustment (-3°- +3°)
• Load capacity: up to 30 kg
• Meets max. VESA 200 x 200 mm
• Arm length: 56,3 cm

**Installation Video**





| | | Order-No. | – | P.U. |
|---|---|---|---|---|
| VALUE LCD/TV Wall Mount, < 107 cm (23“- 42“), 6 Joints, black | A | 17.99.1156 | – | 2 |
| VALUE LCD/TV Wall Mount, < 139 cm (23“- 55“), 6 Joints, black | B | 17.99.1157 | – | 2 |

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| 11.02.8321 | 03.05 | 11.04.581x | 03.22 | 11.99.902x | A.02 | 12.99.111x | 03.08 | 14.02.5039 | 02.14 | 17.99.1142 | 10.05 | 19.40.10xx | 07.03 | 21.15.27xx | 01.31 | 25.16.840x | 01.36 |
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| 11.02.879x | 03.10 | 11.04.594x | 03.21 | 12.02.1048 | A.04 | 12.99.3162 | 03.32 | 14.99.352x | 06.08 | 17.99.1169 | 10.04 | 19.99.1119 | 07.16 | 21.15.883x | 01.53 | 26.11.0356 | 01.38 |
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| 11.02.883x | 03.04 | 11.04.598x | New.4 | 12.02.110x | 01.02 | 12.99.319x | 03.13 | 14.99.358x | 06.10 | 17.99.1179 | 09.20 | 19.99.118x | 07.15 | 21.15.887x | 01.54 | 26.11.0360 | 01.38 |
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| 11.02.891x | 03.26 | 11.09.45xx | 03.43 | 12.02.112x | 03.31 | 12.99.3215 | 03.37 | 15.06.211x | A.04 | 17.99.1208 | 10.05 | 19.99.201x | 03.49 | 21.15.948x | 01.57 | 26.30.0xxx | New.3 |
| 11.02.892x | 03.26 | 11.09.47xx | 03.42 | 12.02.113x | 03.38 | 12.99.322x | 03.37 | 15.06.217x | A.05 | 17.99.1213 | 10.02 | 19.99.204x | 08.08 | 21.15.949x | 01.56 | 26.50.0xxx | 01.61 |
| 11.02.893x | 03.04 | 11.99.1xxx | 03.44 | 12.02.116x | 03.54 | 12.99.323x | 03.37 | 15.06.219x | 04.02 | 17.99.1214 | 10.02 | 19.99.207x | 03.49 | 21.15.95xx | 01.57 | 26.50.5xxx | 01.51 |
| 11.02.894x | 03.04 | 11.99.4xxx | 03.43 | 12.03.20xx | 03.50 | 12.99.9xxx | 03.13 | 15.08.0xxx | A.04 | 17.99.1217 | 10.12 | 19.99.208x | 07.13 | 21.17.00xx | 01.59 | 26.99.00xx | 01.51 |
| 11.02.896x | 03.04 | 11.99.52xx | 03.15 | 12.03.29xx | 03.51 | 13.01.1xxx | 08.03 | 15.08.13xx | A.05 | 17.99.1218 | 10.02 | 19.99.209x | 03.48 | 21.17.01xx | 01.59 | 26.99.012x | 01.61 |
| 11.02.897x | 03.11 | 11.99.54xx | 03.16 | 12.03.310x | 03.34 | 13.01.3260 | 08.03 | 15.08.15xx | 06.16 | 17.99.1219 | 10.02 | 19.99.30xx | 05.20 | 21.17.032x | 01.40 | 26.99.013x | 01.61 |
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| 11.02.900x | 03.13 | 11.99.551x | 03.17 | 12.03.312x | 03.34 | 13.01.3263 | 08.04 | 15.08.6252 | A.04 | 17.99.131x | 09.17 | 19.99.3232 | 07.16 | 21.17.300x | 01.45 | 26.99.015x | 01.62 |
| 11.02.9010 | 03.12 | 11.99.5521 | 03.16 | 12.03.3130 | 03.34 | 13.01.3264 | 08.04 | 15.08.6254 | A.04 | 17.99.132x | 10.10 | 19.99.3235 | 08.12 | 21.17.303x | 01.45 | 26.99.016x | 02.04 |
| 11.02.9011 | 03.12 | 11.99.5522 | 03.17 | 12.03.3132 | 03.34 | 13.01.3265 | 08.04 | 15.08.6257 | 04.03 | 17.99.134x | 09.19 | 19.99.3236 | 10.13 | 21.17.304x | 01.45 | 26.99.019x | 02.04 |
| 11.02.9012 | 03.10 | 11.99.5525 | 03.16 | 12.03.3133 | 03.34 | 13.01.3266 | 08.04 | 15.08.6258 | 04.03 | 17.99.15xx | 09.16 | 19.99.3237 | 10.13 | 21.17.3060 | 01.43 | 26.99.02xx | 01.50 |
| 11.02.9013 | 03.10 | 11.99.5526 | 03.17 | 12.03.3134 | 03.34 | 13.01.3267 | 08.03 | 15.08.6259 | 04.02 | 18.01.1xxx | 04.08 | 19.99.342x | 07.10 | 21.17.3061 | 01.43 | 26.99.0300 | 01.50 |
| 11.02.9014 | New.5 | 11.99.5527 | 03.17 | 12.03.3135 | 03.34 | 13.01.3268 | 08.03 | 15.99.131x | 06.16 | 18.01.202x | 09.02 | 19.99.343x | 07.02 | 21.17.3062 | 01.43 | 26.99.0301 | 01.47 |
| 11.02.9015 | 03.13 | 11.99.5531 | 03.18 | 12.03.3136 | 03.34 | 13.01.3269 | 08.03 | 15.99.132x | A.05 | 18.01.2040 | 09.02 | 19.99.5xxx | 08.02 | 21.17.3063 | 01.43 | 26.99.0302 | 01.47 |
| 11.02.902x | 03.10 | 11.99.5532 | 03.17 | 12.03.3137 | 03.34 | 13.01.327x | 08.03 | 15.99.2xxx | 04.02 | 18.01.2041 | 09.02 | 21.13.10xx | 01.05 | 21.17.3065 | 01.45 | 26.99.0303 | 01.47 |
| 11.02.903x | 03.13 | 11.99.5534 | 03.17 | 12.03.3138 | 03.38 | 13.01.3282 | 08.04 | 15.99.6xxx | 04.03 | 18.01.2042 | 09.02 | 21.13.113x | 01.12 | 21.17.3066 | 01.45 | 26.99.0304 | 01.47 |
| 11.02.904x | 03.24 | 11.99.5535 | 03.16 | 12.03.3139 | 03.39 | 13.01.3283 | 08.04 | 16.01.3xxx | 04.05 | 18.01.2044 | A.05 | 21.13.114x | 01.11 | 21.17.3067 | 01.32 | 26.99.0305 | 01.47 |
| 11.02.905x | 03.12 | 11.99.5536 | 03.17 | 12.03.314x | 03.34 | 13.01.3284 | 08.04 | 16.01.412x | 04.05 | 18.01.2045 | A.05 | 21.13.115x | 01.10 | 21.17.307x | 01.20 | 26.99.0306 | 01.47 |
| 11.02.906x | 03.26 | 11.99.5537 | 03.17 | 12.03.3151 | 03.34 | 13.01.3285 | 08.03 | 16.01.414x | 03.45 | 18.01.2046 | 04.08 | 21.13.116x | 01.10 | 21.17.308x | 01.33 | 26.99.0308 | 01.49 |
| 11.02.95xx | 03.10 | 11.99.554x | 03.18 | 12.03.3152 | 03.34 | 13.01.3286 | 08.04 | 16.99.421x | 04.04 | 18.01.2047 | 04.08 | 21.13.117x | 01.09 | 21.17.309x | 01.44 | 26.99.0310 | 01.49 |
| 11.02.96xx | 03.10 | 11.99.5552 | 03.17 | 12.03.3153 | 03.29 | 13.01.3287 | 08.03 | 16.99.428x | A.04 | 18.01.2048 | 04.08 | 21.13.1181 | 01.09 | 21.99.010x | 01.21 | 26.99.0311 | 01.48 |
| 11.02.97xx | 03.10 | 11.99.5553 | 03.17 | 12.03.3154 | 03.29 | 13.01.3288 | 08.04 | 17.01.1085 | 09.21 | 18.02.20xx | 09.02 | 21.13.1183 | 01.02 | 21.99.011x | 01.21 | 26.99.0312 | 01.48 |
| 11.03.10xx | 03.46 | 11.99.5555 | 03.16 | 12.03.3155 | 03.29 | 13.01.3289 | 08.04 | 17.01.1086 | New.6 | 18.02.29xx | 04.07 | 21.13.1188 | 01.08 | 21.99.012x | 01.21 | 26.99.0313 | 01.50 |
| 11.03.12xx | 03.44 | 11.99.5556 | 03.16 | 12.03.3158 | 03.39 | 13.01.329x | 08.04 | 17.01.1087 | 09.21 | 18.02.3xxx | 09.02 | 21.13.1189 | 01.07 | 21.99.019x | 01.16 | 26.99.0314 | 01.50 |
| 11.03.154x | 03.45 | 11.99.5557 | 03.17 | 12.03.3160 | 03.34 | 13.01.333x | A.05 | 17.01.1089 | 09.21 | 18.99.1xxx | 04.08 | 21.13.119x | 01.07 | 21.99.02xx | 01.23 | 26.99.0315 | 01.50 |
| 11.03.155x | 03.45 | 11.99.5558 | 03.17 | 12.03.3161 | 03.34 | 13.01.334x | 08.03 | 17.02.1xxx | 09.20 | 19.03.3xxx | 09.22 | 21.13.120x | 01.07 | 21.99.03xx | 01.22 | 26.99.0316 | 01.50 |
| 11.03.156x | 03.44 | 11.99.556x | 03.16 | 12.03.3162 | 03.34 | 13.01.335x | 08.03 | 17.02.2xxx | 09.22 | 19.06.100x | 08.12 | 21.13.122x | 01.13 | 21.99.050x | 01.20 | 26.99.0317 | 01.51 |
| 11.04.1xxx | 03.50 | 11.99.557x | 03.18 | 12.03.3163 | 03.34 | 13.01.337x | 08.04 | 17.02.3xxx | 09.18 | 19.06.102x | 08.05 | 21.13.13xx | 01.42 | 21.99.051x | 01.20 | 26.99.0318 | New.3 |
| 11.04.51xx | 03.16 | 11.99.558x | 03.19 | 12.03.3164 | 03.35 | 13.01.338x | 08.02 | 17.03.00xx | 09.07 | 19.06.104x | 08.06 | 21.14.31xx | 01.03 | 21.99.052x | 01.20 | 26.99.0319 | New.3 |
| 11.04.52xx | 03.15 | 11.99.559x | 03.16 | 12.03.3165 | 03.29 | 13.03.3xxx | 08.04 | 17.03.01xx | New.6 | 19.06.202x | 08.10 | 21.14.34xx | 01.12 | 21.99.059x | 01.16 | 26.99.0320 | New.3 |
| 11.04.53xx | 03.15 | 11.99.5601 | 03.22 | 12.03.317x | 03.29 | 13.99.3001 | 08.02 | 17.03.110x | 09.03 | 19.06.2031 | 08.11 | 21.14.350x | 01.04 | 21.99.06xx | 01.59 | 26.99.0321 | 01.48 |
| 11.04.54xx | 03.16 | 11.99.5602 | 03.22 | 12.03.320x | 03.38 | 13.99.3002 | 08.02 | 17.03.111x | 09.11 | 19.06.2032 | 08.08 | 21.14.351x | 01.03 | 21.99.07xx | 01.25 | 26.99.0328 | 01.34 |
| 11.04.550x | 03.30 | 11.99.5603 | 03.22 | 12.03.3210 | 03.38 | 13.99.3003 | 08.02 | 17.03.1122 | 09.08 | 19.06.2033 | 08.09 | 21.14.352x | 01.03 | 21.99.080x | 01.25 | 26.99.0329 | 01.34 |
| 11.04.5510 | 03.30 | 11.99.5604 | 03.22 | 12.03.3211 | 03.38 | 13.99.3005 | 01.58 | 17.03.1123 | 09.05 | 19.06.2034 | 08.05 | 21.14.353x | New.2 | 21.99.081x | 01.25 | 26.99.033x | 01.41 |
| 11.04.5511 | 03.28 | 11.99.5605 | 03.22 | 12.03.3212 | 03.39 | 13.99.3006 | 01.58 | 17.03.1124 | 09.05 | 19.06.2040 | 08.11 | 21.15.0001 | 01.19 | 21.99.082x | 01.27 | 26.99.034x | 01.48 |
| 11.04.5512 | 03.28 | 11.99.5608 | 03.24 | 12.03.3213 | 03.41 | 13.99.3007 | 01.58 | 17.03.1125 | 09.05 | 19.06.2041 | A.07 | 21.15.0002 | 01.19 | 21.99.083x | 01.27 | 26.99.0353 | 01.35 |
| 11.04.5513 | 03.28 | 11.99.5609 | 03.22 | 12.03.3214 | 03.41 | 13.99.3008 | 08.09 | 17.03.1126 | 09.05 | 19.06.2045 | 08.10 | 21.15.0003 | 01.19 | 21.99.084x | 01.29 | 26.99.0354 | 01.35 |
| 11.04.5514 | 03.28 | 11.99.561x | 03.24 | 12.03.3215 | 03.38 | 13.99.3009 | A.06 | 17.03.1127 | 09.15 | 19.06.2047 | 08.10 | 21.15.0004 | 01.19 | 21.99.085x | 01.32 | 26.99.0355 | 01.34 |
| 11.04.5515 | 03.28 | 11.99.562x | 03.22 | 12.03.3216 | 03.40 | 13.99.301x | A.06 | 17.03.1128 | 09.15 | 19.06.2049 | 08.11 | 21.15.0005 | 01.33 | 21.99.086x | 01.27 | 26.99.0357 | 01.35 |
| 11.04.5516 | 03.17 | 11.99.563x | 03.23 | 12.03.3217 | 03.40 | 14.01.231x | 02.10 | 17.03.1129 | 09.15 | 19.06.208x | A.05 | 21.15.0007 | 01.28 | 21.99.087x | 01.26 | 26.99.0359 | 01.35 |
| 11.04.5518 | 03.28 | 11.99.568x | 03.20 | 12.03.3218 | 03.40 | 14.01.232x | 02.10 | 17.03.1130 | 09.15 | 19.07.1050 | 05.20 | 21.15.0009 | 01.16 | 21.99.088x | 01.19 | 26.99.0360 | 01.35 |
| 11.04.5519 | 03.17 | 11.99.569x | 03.21 | 12.03.3219 | 03.41 | 14.01.233x | A.02 | 17.03.1131 | 09.15 | 19.07.1051 | 05.20 | 21.15.001x | 01.16 | 21.99.089x | 01.17 | 26.99.0361 | 01.35 |
| 11.04.5521 | 03.16 | 11.99.570x | 03.18 | 12.03.3220 | 03.38 | 14.01.30xx | 02.08 | 17.03.1132 | 09.09 | 19.07.1053 | A.06 | 21.15.002x | 01.16 | 21.99.090x | 01.23 | 26.99.0362 | 01.34 |
| 11.04.5522 | 03.17 | 11.99.571x | 03.18 | 12.03.3221 | 03.38 | 14.01.322x | 02.05 | 17.03.1133 | 09.09 | 19.07.1054 | 05.18 | 21.15.01xx | 01.21 | 21.99.091x | 01.23 | 26.99.0363 | 01.38 |
| 11.04.5525 | 03.16 | 11.99.572x | 03.18 | 12.03.3222 | 03.41 | 14.01.323x | 02.02 | 17.03.1134 | 09.09 | 19.07.1055 | A.06 | 21.15.02xx | 01.21 | 21.99.095x | 01.23 | 26.99.0366 | 01.39 |
| 11.04.5531 | 03.18 | 11.99.573x | 03.18 | 12.03.3223 | New.5 | 14.01.324x | 02.07 | 17.03.1136 | 09.15 | 19.07.106x | 07.04 | 21.15.03xx | 01.22 | 21.99.096x | 01.24 | 26.99.0370 | 01.44 |
| 11.04.5532 | 03.17 | 11.99.574x | 03.18 | 12.03.3224 | 03.38 | 14.01.332x | 02.06 | 17.03.1137 | 09.15 | 19.07.107x | 07.04 | 21.15.050x | 01.20 | 21.99.097x | 01.24 | 26.99.0371 | 01.44 |
| 11.04.5535 | 03.16 | 11.99.575x | 03.18 | 12.03.3225 | 03.38 | 14.01.333x | 02.06 | 17.03.114x | 09.15 | 19.07.108x | 07.04 | 21.15.0510 | 01.20 | 21.99.099x | 01.17 | 26.99.0372 | 01.44 |
| 11.04.554x | 03.18 | 11.99.576x | 03.22 | 12.03.3226 | New.4 | 14.01.336x | A.02 | 17.03.115x | 09.15 | 19.07.160x | 07.05 | 21.15.0511 | 01.16 | 21.99.10xx | 01.04 | 26.99.0373 | 01.44 |
| 11.04.555x | 03.17 | 11.99.577x | 03.25 | 12.03.3227 | New.4 | 14.01.340x | 06.03 | 17.03.116x | 09.06 | 19.07.1620 | 07.11 | 21.15.0512 | 01.16 | 21.99.110x | 01.60 | 26.99.0375 | 01.39 |
| 11.04.556x | 03.30 | 11.99.578x | 03.25 | 12.03.3228 | New.4 | 14.01.3414 | 06.05 | 17.03.1174 | 09.13 | 19.07.1621 | 07.11 | 21.15.0515 | 01.20 | 21.99.1192 | 01.06 | 26.99.0377 | 01.40 |
| 11.04.557x | 03.17 | 11.99.579x | 03.25 | 12.03.323x | 03.38 | 14.01.3416 | 06.14 | 17.03.1175 | 09.14 | 19.07.1622 | 07.11 | 21.15.0518 | 01.16 | 21.99.1193 | 01.06 | 26.99.0378 | 01.40 |
| 11.04.558x | 03.19 | 11.99.580x | 03.24 | 12.03.7xxx | 03.50 | 14.01.3417 | 06.06 | 17.03.1178 | 09.08 | 19.07.1623 | 07.11 | 21.15.0519 | 01.20 | 21.99.1194 | 01.02 | 26.99.038x | 01.44 |
| 11.04.5591 | 03.19 | 11.99.581x | 03.22 | 12.04.107x | 03.10 | 14.01.342x | 02.07 | 17.03.1180 | 09.03 | 19.07.1624 | 07.11 | 21.15.052x | 01.16 | 21.99.1195 | 01.06 | 26.99.08xx | 01.62 |
| 11.04.5592 | 03.19 | 11.99.582x | 03.36 | 12.04.1080 | 03.10 | 14.01.344x | 03.43 | 17.03.1181 | 09.03 | 19.07.1625 | 07.10 | 21.15.059x | 01.20 | 21.99.1197 | 01.05 | | |
| 11.04.5593 | 03.19 | 11.99.583x | 03.36 | 12.04.1081 | 03.10 | 14.01.3451 | 06.07 | 17.03.1185 | 09.15 | 19.07.1626 | 07.11 | 21.15.06xx | 01.20 | 21.99.1198 | 01.08 | | |
| 11.04.5594 | 03.19 | 11.99.584x | 03.36 | 12.04.1082 | 03.10 | 14.01.3452 | 06.07 | 17.03.1188 | A.06 | 19.07.1627 | 07.11 | 21.15.082x | 01.26 | 21.99.148x | 01.26 | | |
| 11.04.5595 | 03.16 | 11.99.59xx | 03.21 | 12.04.1085 | 02.10 | 14.01.3453 | 06.07 | 17.03.119x | 09.05 | 19.07.1628 | 07.11 | 21.15.083x | 01.26 | 21.99.149x | 01.08 | | |
| 11.04.5596 | 03.19 | 11.99.6xxx | 03.14 | 12.04.1086 | 02.10 | 14.01.3454 | 06.07 | 17.03.123x | 09.09 | 19.07.1629 | 07.11 | 21.15.084x | 01.26 | 21.99.16xx | 01.18 | | |
| 11.04.5598 | 03.16 | 11.99.830x | 03.06 | 12.04.1088 | 03.08 | 14.01.3458 | 06.06 | 17.03.125x | 10.07 | 19.07.2xxx | 03.48 | 21.15.085x | 01.26 | 21.99.19xx | 01.27 | | |
| 11.04.5599 | 03.16 | 11.99.831x | 03.06 | 12.04.1089 | 03.08 | 14.01.3459 | 06.08 | 17.03.126x | 10.11 | 19.08.100x | 03.10 | 21.15.087x | 01.29 | 21.99.3001 | 01.45 | | |

# Onze algemene leverings voorwaarden

**1. Algemeen**
Alle aanbiedingen, bestellingen en leveringen worden uitsluitend geleverd volgens de volgende leveringsvoorwaarden. Aanvullende bepalingen of met in het bijzonder inkoopvoorwaarden van de koper gelden alleen d.m.v. een overeengekomen contract en gelden alleen dan wanneer het door SECOMP schriftelijk is bevestigd.

**2. Prijzen / Verzendkosten**
Alle prijzen zijn Euro-Netto prijzen en zijn af magazijn Ettlingen/Duitsland of direct vanaf magazijn van de producent, en zijn zonder toevoeging van de wettelijke belasting en zonder verpakking, verzend, en vrachtverzekering toeslagen.
• Verzendkosten bij tel.-/fax-/emailorder < 400 € bedragen: 9,90 € per 30 kg.
• Verzendkosten bij internetorder (via onze webshop) < 400 € bedragen: 9,90 € per 30 kg.
Uitgezonderd zijn artikelen die in de catalogus gemerkt zijn met PER SPEDITION deze worden per pallet aangeboden, hiervoor gelden kg prijzen, deze zijn ook postcode afhankelijk, 19'' kasten, zware ups en meubels worden met speciaal transport bezorgd, hiervoor zijn de transportkosten op aanvraag.
• Tel.-/fax-/emailorders > 400 € worden zonder verzendkosten geleverd.
• Internetorder (via onze webshop) > 400 € worden zonder verzendkosten geleverd.
Uitgezonderd zijn de artikelen die in de catalogus gemerkt zijn met PER SPEDITION en 19'' kasten, zware ups en meubels, hiervoor gelden altijd pallet transport prijzen.
Levering van goederen in 24 uur (DPD expres zending), pallets 72 uur.
Het factuur wordt aan de hand van die dag geldende transportprijs opgesteld.

**3. Minimale orderwaarde / Kleine ordertoeslag**
Het minimum orderbedrag is 25 €. Voor bestellingen met een kleiner orderbedrag word een minimum order toeslag van 5,10 € berekend.

**4. Levering en service**
SECOMP doet haar best om eventuele vertragingen van leveringen tegen te gaan. De koper is echter gerechtigd, SECOMP nog voor het aanleveren van de vertraagde goederen een leveringstermijn van vier weken te stellen. Worden de goederen niet binnen de gestelde termijn geleverd, dan kan de koper van de opdracht afzien. Deelleveringen zijn toegestaan en gelden als zelfstandige service. Afwijking van de bestelde service is alleen dan toegestaan als de koper daarmee akkoord gaat. Afmetingen, tekeningen en afbeeldingen in SECOMP documentatie zijn niet bindend.

**5. Verzend risico**
Met de overgave van de goederen aan de uitvoerende transporteur worden alle risico's aan de koper overgedragen. Wanneer de koper het schriftelijk aanvraagt dan worden de goederen op zijn/haar kosten verzekerd.

**6. Betalingsvoorwaarden**
Betalingen dienen binnen 30 dagen na factuurdatum zonder aftrek te worden voldaan, creditcards en cheques worden niet geaccepteerd. Bij vertraging is SECOMP gerechtigd, naast vertragingsrente een aanmaningskosten toeslag in de hoogte van 15 € te berekenen. In geval van een eerste bestelling behoud SECOMP het recht om de goederen eerst tegen vooruitbetaling te versturen. Het uitoefenen van een terughoudingsrecht is uitgesloten, behalve wanneer de tegenvordering rechts halve is vastgesteld of door SECOMP is erkend.

**7. Eigendomsvoorbehoud**
De geleverde goederen blijven tot volledige betaling eigendom van SECOMP. Een verdere verdeling van de voorbehouden goederen is alleen toegestaan in het kader van een zakelijke transactie. De gezamenlijke vorderingen die uit een verdere verdeling ontstaan geeft de koper aan SECOMP af, deze verplicht zich tot vrijgave van ieder deel van de openstaande vordering die zijn eigen met meer als 20 % overstijgt.

**8. Garantie service**
In geval van foutieve levering is SECOMP naar eigen keuze verplicht om het product retour te nemen of om over te gaan tot het leveren van een vervangingsproduct. Iedere andere service aansprakelijkheid is uitgesloten. Zover gerechtelijk toelaatbaar, is SECOMP in zijn geheel niet aansprakelijk voor vordering door een foutieve levering noch voor verloren winst van de koper. Een foutieve levering van goederen moet door de koper binnen 10 dagen na ontvangst gemeld worden. Na afloop van deze tijdsperiode is het niet meer mogelijk aanspraak te doen. Ter waarneming van het voorgenomen recht op verbetering bijvoorbeeld omruiling, stuurt de klant het product met een precieze klachtomschrijving met een kopie van het originele factuur op eigen kosten aan SECOMP retour. Blijkt het product na controle niet defect te zijn dan ontvangt de koper na de verrekening van een controle toeslag in hoogte van 25 € met toegevoegde BTW en verzendkosten terug.

**9. Garantie**
**9.1 SECOMP Producten**
van geleverde producten overneemt SECOMP voor de duur van 12 maanden vanaf het tijdstip van aflevering de garantie voor de aantoonbare materiaal en productiefouten. SECOMP is in deze naar eigen keuze wederom met terugname of nalevering verplicht. Verklaart SECOMP dat de verbetering of vervangingslevering niet mogelijk is, dan kan de klant een keuze maken tussen een verbeterde koopprijs (mindering) of tot de intrekking van de order.
**9.2 VALUE Producten**
van geleverde producten overneemt SECOMP voor de duur van 24 maanden vanaf het tijdstip van aflevering de garantie voor de aantoonbare materiaal en productiefouten. SECOMP is in deze naar eigen keuze wederom met terugname of nalevering verplicht. Verklaart SECOMP dat de verbetering of vervangingslevering niet mogelijk is, dan kan de klant een keuze maken tussen een verbeterde koopprijs (mindering) of tot de intrekking van de order.
**9.3 ROLINE Producten**
Voor de onder het merk Roline aangeboden computeraccessoires geeft SECOMP speciaal voor de producteigenschappen een vijfjarige functioneer garantie. De garantie geldt alleen voor gelijk gebleven technische functie eigenschappen zoals deze tijdens het tijdstip van aanschaf waren. Aanspraak maken op de functionering garantie kan alleen worden gedaan als de aanspraak makende de betreffende goederen, met het originele factuur aan de fa. SECOMP aantonen kan. SECOMP is in geval van garantie naar eigen keuze verplicht d.m.v. terugname of door een vervangingslevering, bijvoorbeeld door levering van een gelijkwaardig vervangingsproduct. Verklaart SECOMP dat de verbetering of vervangingslevering niet mogelijk is, dan kan de klant een mindering van de verkoopprijs verlangen.
De vijfjarige garantie geldt niet voor telefoon accessoires, 19'' Server-systemen, LED verlichting, verbruiksmateriaal, voedingen, verslijtbare delen zoals bijvoorbeeld ventilatoren en andere mechanische bewegende delen.
De onder getal 9.1 en 9.2 en 9.3 opgevoerde garantie bepalingen betrekken zich niet op gebreken veroorzaakt door natuurlijke slijtage, verouderingof verontreinigingsverschijnselen, nalatigheid van gebruikersvoorschriften zoals ingrijpen van klant of van derden, die zonder schriftelijke toestemming van SECOMP is gedaan.

**10. Schadevergoeding**
Voor schade, van welke aard (letsel-, zaaks- of gevolgschade, zoals bedrijfsschade e.d.) en of voortvloeiend uit nadrukkelijke plichten, zoals plichten welke opgenomen zijn in de contract onderhandelingen of welke door de organisatie verschuldigd is, kan SECOMP alleen aansprakelijk gehouden worden wanneer u of uw aangewezene schade door grove nalatigheid is aangedaan. De vervanging aanspraak is in hoogte begrensd aan de waarde van de geleverde goederen.

**11. Privacy**
11.1 Voor een snelle en foutloze verwerking van uw bestelling worden persoonlijke gegevens opgeslagen in onze IT servers. De verwerkte gegevens worden verwerkt volgens de EU-AVR (Algemene verordening gegevensbescherming) en de Telemedia-wet.
11.2 Ten behoeve van kredietcontroles en kredietbewaking zullen we gegevens uitwisselen met een krediet verzekeraar.

Voor het vaststellen van de totstandkoming, implementatie of beëindiging van de contractuele relatie, verzamelen of gebruiken we waarschijnlijkheidswaarden, waaronder onder andere adresgegevens.
Voor meer informatie kijk dan op onze website bij ons privacy beleid.

**12. Plaats van uitvoering en rechtsmacht**
Uitvoeringsplaats van leveringen en betalingen, zoals gerechtsplaats van beide delen is 76275 Ettlingen in Duitsland.

SECOMP is altijd gerechtigd de algemene voorwaarden van bovengenoemde tekst aan te passen of te herzien, Indien één of meerdere van de in deze tekst genoemde voorwaarde niet of niet geheel uitvoerbaar blijken dan blijven de overige voorwaarden gewoon van kracht.

SECOMP



## SECOMP Netherlands
Christiaan Huygensweg 38 H
3225 LD Hellevoetsluis
Netherlands

PHONE +31 181 390 030
E-MAIL info@secomp.nl

**www.secomp.nl**

## SECOMP International AG
Grindelstrasse 6
8303 Bassersdorf
Switzerland

PHONE +41 44 511 87 62
FAX +41 44 511 87 07
E-MAIL info@secomp-international.com

**www.secomp-international.com**

## WAREHOUSE
## SECOMP International AG
Einsteinstrasse 17 - 23
76275 Ettlingen
Germany

## SECOMP Germany
Einsteinstrasse 17 - 23
76275 Ettlingen
Germany

PHONE +49 7243 383 111
FAX +49 7243 383 222
E-MAIL info@secomp.de

**www.secomp.de**

## SECOMP France
10, avenue Graham Bell, Bâtiment H Lot B4
77600 Bussy-Saint-Georges
France

PHONE +33 164 80 92 30
FAX +33 164 80 92 40
E-MAIL info@secomp.fr

**www.secomp.fr**

## SECOMP Czechia
U Vinných sklepů 7
190 00 Praha 9 - Vysočany
Czech Republic

PHONE +420 281 861 849
FAX +420 281 862 729
E-MAIL info@secomp.cz

**www.secomp.cz**

## SECOMP Switzerland
Grindelstrasse 6
8303 Bassersdorf
Switzerland

PHONE +41 44 511 87 00
FAX +41 44 511 87 05
E-MAIL info@secomp.ch

**www.secomp.ch**