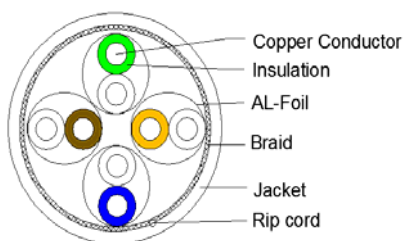


Item NO.:21.15.0884

TECHNICAL DATA SHEET

100Ω CAT6A S/FTP 4pairs cable category6A - 500MHz - LSZH jacket



Insulation/Pairs Color			
Pairs#	Color	Pairs#	Color
1	White;Blue	2	White;Orange
3	White;Green	4	White;Brown

CABLE DESCRIPTION

1-CONDUCTOR	PARAMETER	UNIT	VALUE
TYPE:SOLID-Bare copper	Max.linear tesistance.	Ω/km	≤80
DIAMETER:0.57mm±0.005mm			
AWG:23	Mutual capacity(nom.)	pF/m	56
2-INSULATION			
TYPE:FOAM-PE	Unbalance capacity max	pF/km	1600
DIAMETER:1.3mm±0.03mm	(p/p at 1 KHz)		
3-SYNTHETICAL SEPARTION FOIL:			
polyester	Characteristic impedance	Ω	100±15
4-DRAIN WIRE:NO	(1 at 250 MHz)		
5-SHIELDING:AL-Foil+Braid(40%)	(251 at 500MHz)		100±22
6-RIP CORD	VELOCITY OF PROPAGATION	%of c	66
YES	(f>1MHz)		
7-OUTER JACKET	Marking		
TYPE: LSZH	roline CAT6A S/FTP 23AWG ISO/IEC 11801 & EN50173 & ANSI/TIA 568C.2 LSZH 001M YNL (001M...305M)		
COLOUR: Grey			
THICKNESS: 0.6mm±0.05mm			
EXTERNAL DIAMETER: 7.6mm±0.3mm			

ELECTRICAL CHARACTERISTICS

Frequency (MHz)	Return loss(dB)	Attenuation (dB/100m)	NEXT (dB)	PSNEXT (dB)	ELFEXT (dB)	PSELFEXT (dB)
4	23.0	3.5	64.1	61.8	56.0	53.0
8	24.5	5	59.4	57	49.9	46.9
10	25.0	5.5	57.8	55.5	48.0	45.0
16	25	7	54.6	52.2	43.9	40.9
20	25	7.8	53.1	50.7	42.0	39.0
25	24.3	8.8	51.5	49.1	40.0	37.0
31.25	23.6	9.8	50	47.5	38.1	35.1
62.5	21.5	14	45.1	42.7	32.1	29.1
100	20.1	18	41.8	39.3	28.0	25.0
200	18.0	26.1	36.9	34.3	22.0	19.0
250	17.3	29.5	35.3	32.7	20.0	17.0
350	17.3	35.6	31.8	29.1	17.1	14.1
500	17.3	43.8	26.7	23.8	14.0	11.0

OTHER CHARACTERISTICS

•CPR Eca verified
 •ROHS 2.0 & REACH Compliant
 PACKING:305m/wooden plate

SECOMP