

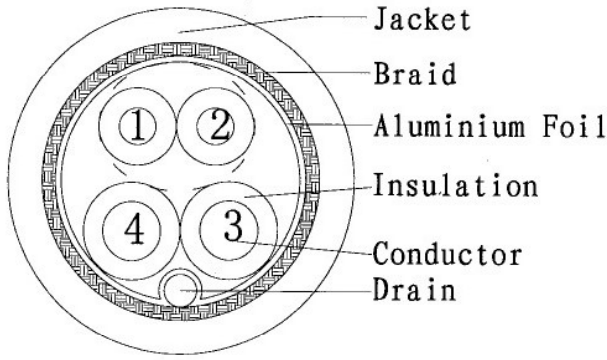
**Product Features**

- 1.USB 2.0 Specification Compliant
- 2.Transfer Rate:High-Speed(480Mbps),Full-Speed (12Mbps),Low-Speed(1.5Mbps)
- 3.True Plug&Play
- 4.No External Power Required

NO	ITEM	DESCRIPTION	Q'TY	UNIT	TOLERANCE					
					INCHES	M/M				
6	45P PVC white		5	G	.X	.015	.30	VALUE USB 2.0 Extension Cable, 5m, Black		
5	USB Extension cord white ABS shell		1	pcs	.XX	.010	.10			
4	PE LDPE		3	G	.XXX	.005	.05	DRAWN BY shi		
3	USB2.0 AM-White Rubber core---PIN Gold plating G/F		1	pcs					12.99.1100	
2	USB2.0 AM-Mate Can-shell Nickel plating		1	pcs	CHECK BY			SCALE NONE	DRAWING NO:	REV. A0
1	UL2725 28AWG(7/0.127TC)*1P+24AWG(7/0.2TC)*2C+AEB(16/6/0.1TC) OD:4.5MM PVC white		5	m	APPD BY			UNIT MM		
								DATE 24. 11. 22		1/4

**Specification: 28#\*1P+24#\*2C+AEB USB2.0**

**Cross Section**



**Color**

1.White 白 2.Green 绿 3.Red 红 4.Black 黑

**Marking**

E342987 兄 AWM STYLE 2725 80°C 30V VW-1 USB  
Revision 2.0

**Construction**

Item		A	B
Conductor	Construction(mm)	7/0.127±0.005	7/0.200±0.005
	Material	Tinned Copper	
	Cabling OD(mm)	0.38	0.6
Insulation	Material	HDPE	HDPE
	OD(mm)	0.84±0.05	1.00±0.05
	Avg.Thickness(mm)	0.21	0.18
	Color	1、2	3、4
Cores Twisted		1.68	----
Drain	Construction(mm)	----	----
	Material	----	----
Al	Constructive Side	----	----
	Overlap Rate	----	----
Mylar	Overlap Rate	----	----
Assemble	Cabling OD(mm)	2.50(REF)	
Mylar	Overlap Rate	----	----
Al	Constructive Side	Outside/Overlap 25%	
Drain	Construction(mm)	7/0.127±0.005	
	Material	Tinned Copper	
Braid	Construction(mm)	16/6/0.100±0.005	
	Material	Tinned Copper	
	Coverage	80%	
Jacket	Material	PVC (Semi-Matte)	
	OD(mm)	4.5±0.15	
	Avg.Thickness(mm)	0.7	
	Color	WHITE(PVC001-9002)-SNOW-WHITE	
	Marking Color	BLACK	

**Performance**

**Electrical Characters:**

- Voltage rating: 30V Temperature rating: 80°C
- Dielectric strength: AC-500V/MIN
- Insulation resistance: 100M (OHMS\*KM MIN at 20°C)
- Conductor resistance: 239 (OHMS/KM MAX at 20°C#28)  
94.2 (OHMS/KM MAX at 20°C#24)
- Characteristic Impedance: 90±13.5Ω(TDR)
- Intra-Pair Skew(对内延时差): 100ps/Cable

**Physical Characters:**

- |                                   |                          |
|-----------------------------------|--------------------------|
| Test Object                       | Jacket                   |
| 1. flame test :                   | VW-1                     |
| 2. Tensile strength before aging: | >1.05kgf/mm <sup>2</sup> |
| 3. Tensile strength after aging:  | >70%                     |
| 4. Elongation before aging:       | >100%                    |
| 5. Elongation after aging:        | >65%                     |