

Overview

Bandwidth: 500MHz
 OD: 3.6mm
 Conductor: 28AWG
 Approvals: RoHS
 Connector: 50U" Gold Plated RJ45 Connector

Physical Characteristics

- Cable Type – Cat6A UTP
- Connector Type(s) – RJ45
- Wiring Scheme – T568B
- Temperature Rating
 - Installation: 0°C~50°C
 - Operation: -20°C~60°C
- Voltage Rating – 30V

Conductor (Qty. 4 twisted pair)

- Conductor Type – 28AWG(7/0.12), Stranded Bare Copper
- Insulation – HDPE
- Diameter – 0.60±0.05mm
- Pair Identification:
 - Pair1=Orange, Orange-White
 - Pair2=Blue, Blue-White
 - Pair3=Green, Green-White
 - Pair4=Brown, Brown-White

Connector Type (Qty. 2)

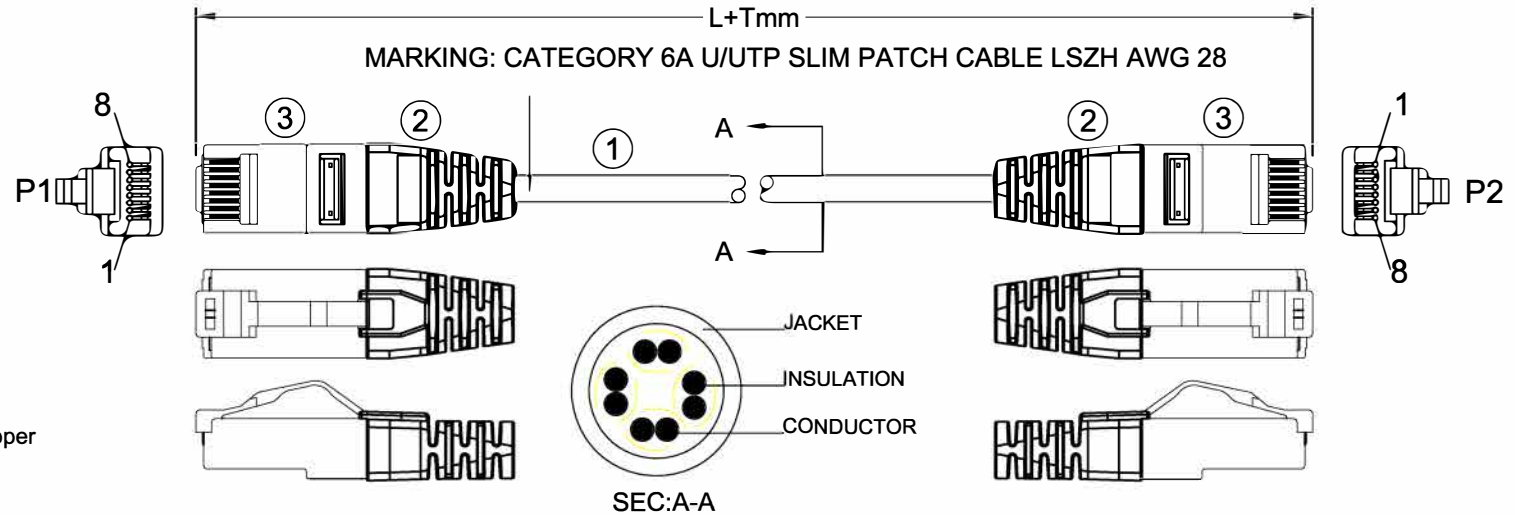
- Connector Type – 8P8C (RJ45)
- Gender – Male
- Connector Material – PC
- Contact Material – Copper Alloy, Gold Plating – 50µm
- Hood Material – TRANSPARENT ASSEMBLE

Overall Cable

- Jacket – LSZH
- Minimum Average Thickness – 0.60mm
- Outer Diameter – 3.6 ± 0.2mm

Electrical Characteristics

- Conductor DC Resistance – 24.2Ω/100m (maximum)
- Impedance – 100Ω
- Capacitance – 5600pf/100m
- Propagation Delay – 545ns/100m (maximum)
- Delay Skew – 45ns/100m (maximum)
- Pass Fluke DSX 8000 Channel Test (Randomly Test, Not 100% Test)



P1	P2 T568B
1 ———	1 WHITE/ORANGE
2 ———	2 ORANGE
3 ———	3 WHITE/GREEN
4 ———	4 BLUE
5 ———	5 WHITE/BLUE
6 ———	6 GREEN
7 ———	7 WHITE/BROWN
8 ———	8 BROWN



ITEM NO:	ProXtend Slim U/UTP CAT6A LSZH AWG 28		DRAWER DATE	FW
TITLE			CHECKED DATE	ACE
CUSTOMER			APPROVED DATE	20210413
MATERIAL	SCALE			
REV.	A	UNIT	MM	

3	RJ45 PLUG: 8P8C 50U" GOLD PLATED TWO-PIECE PLUG.	
2	MOLDED: TRANSPARENT ASSEMBLE BOOT .	
1	CABLE: CAT6A U/UTP 4P/28AWG(7/0.12±0.008BC) OD=Ø3.6±0.2MM LSZH JACKET.	
NO.	SPECIFICATION	Q'TY
BOM LIST		

DRAWING NO:	6AU0L360712HB 120---10413105
ACAD FILE	E:\



Length	Black	Blue	Grey	Green	Orange	Red	White	Yellow	Tolerance
0.2M	S-6AUTP-002B	S-6AUTP-002BL	S-6AUTP-002G	S-6AUTP-002GR	S-6AUTP-002O	S-6AUTP-002R	S-6AUTP-002W	S-6AUTP-002Y	±0.15mm
0.2M	S-6AUTP-0025B	S-6AUTP-0025G	S-6AUTP-0025G	S-6AUTP-0025R	S-6AUTP-0025O	S-6AUTP-0025R	S-6AUTP-0025W	S-6AUTP-0025Y	±0.15mm
0.3M	S-6AUTP-003B	S-6AUTP-003BL	S-6AUTP-003G	S-6AUTP-003GR	S-6AUTP-003O	S-6AUTP-003R	S-6AUTP-003W	S-6AUTP-003Y	±0.15mm
0.5M	S-6AUTP-005B	S-6AUTP-005BL	S-6AUTP-005G	S-6AUTP-005GR	S-6AUTP-005O	S-6AUTP-005R	S-6AUTP-005W	S-6AUTP-005Y	±0.15mm
0.75M	S-6AUTP-0075B	S-6AUTP-0075BL	S-6AUTP-0075G	S-6AUTP-0075R	S-6AUTP-0075O	S-6AUTP-0075R	S-6AUTP-0075W	S-6AUTP-0075Y	±0.15mm
1M	S-6AUTP-01B	S-6AUTP-01BL	S-6AUTP-01G	S-6AUTP-01GR	S-6AUTP-01O	S-6AUTP-01R	S-6AUTP-01W	S-6AUTP-01Y	±0.20mm
1.50M	S-6AUTP-015B	S-6AUTP-015BL	S-6AUTP-015G	S-6AUTP-015GR	S-6AUTP-015O	S-6AUTP-015R	S-6AUTP-015W	S-6AUTP-015Y	±0.20mm
2M	S-6AUTP-02B	S-6AUTP-02BL	S-6AUTP-02G	S-6AUTP-02GR	S-6AUTP-02O	S-6AUTP-02R	S-6AUTP-02W	S-6AUTP-02Y	±0.30mm
2.5M	S-AUTP-025B	S-AUTP-025BL	S-6AUTP-025G	S-AUTP-025GR	S-AUTP-025O	S-6AUTP-025R	S-6AUTP-025W	S-6AUTP-025Y	±0.30mm
3M	S-6AUTP-03B	S-6AUTP-03BL	S-6AUTP-03G	S-6AUTP-03GR	S-6AUTP-03O	S-6AUTP-03R	S-6AUTP-03W	S-6AUTP-03Y	±0.30mm
4M	S-6AUTP-04B	S-6AUTP-04BL	S-6AUTP-04G	S-6AUTP-04GR	S-6AUTP-04O	S-6AUTP-04R	S-6AUTP-04W	S-6AUTP-04Y	±0.30mm
5M	S-6AUTP-05B	S-6AUTP-05BL	S-6AUTP-05G	S-6AUTP-05GR	S-6AUTP-05O	S-6AUTP-05R	S-6AUTP-05W	S-6AUTP-05Y	±0.60mm

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