

Overview
Bandwidth: 250MHz
OD: 3.6mm
Conductor: 28AWG
Approvals: RoHS
Connector: 50U" gold plated RJ45 connector

Physical Characteristics

- Cable Type – Cat6 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 – 0.61±0.05mm
- Pair Identification:
 - Pair1=Orange, Orange-White
 - Pair2=Blue, Blue-White
 - Pair3=Green, Green-White
 - Pair4=Brown, Brown-White

Connector Type (Qty. 2)

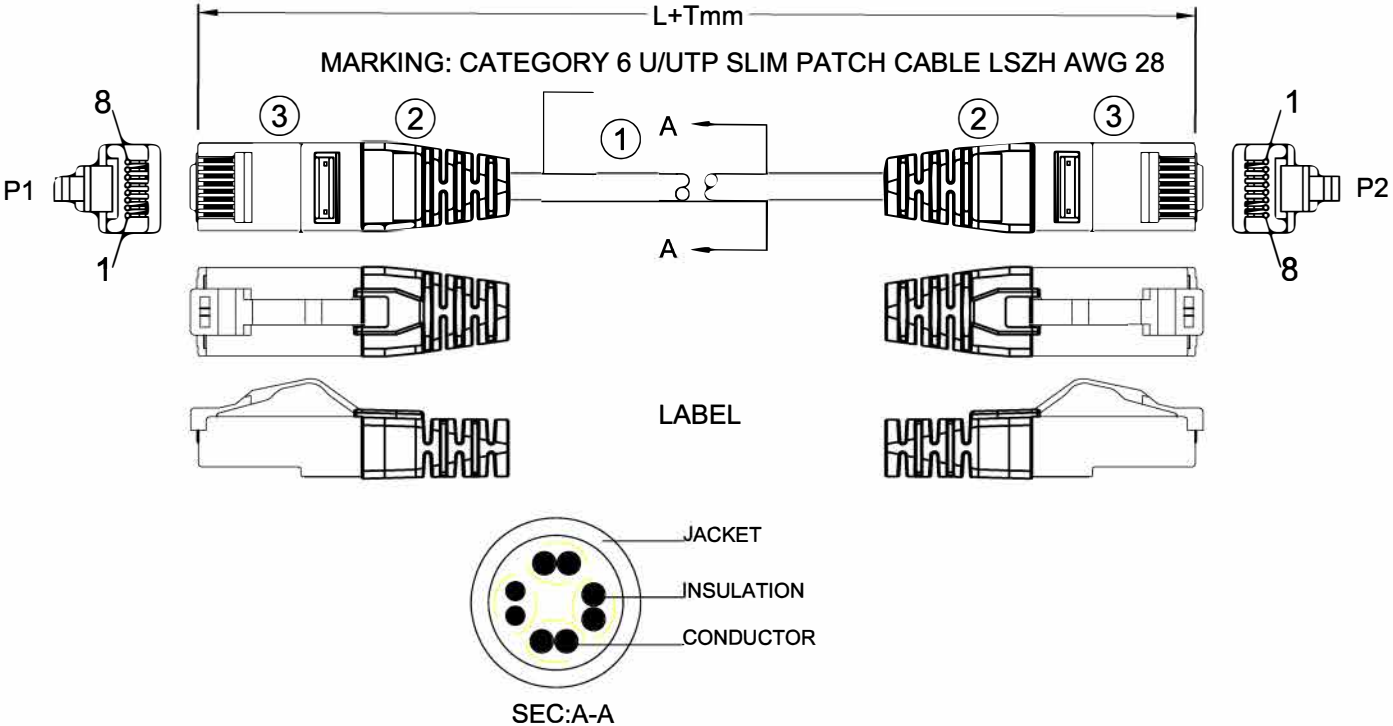
- Connector Type – 8P8C (RJ45)
- Gender – Male
- Connector Material – PC
- Contact Material – Copper Alloy, Gold Plating – 50µm
- Hood Material – TRANSPARENT ASSEMBLE

Overall Cable

- Jacket – LSZH
- Minimum Average Thickness – 0.60mm
- Outer Diameter – 3.6 ± 0.15mm

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)



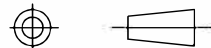
P1	P2 T568B
1	1 WHITE/ORANGE
2	2 ORANGE
3	3 WHITE/GREEN
4	4 BLUE
5	5 WHITE/BLUE
6	6 GREEN
7	7 WHITE/BROWN
8	8 BROWN

3	RJ45 PLUG: 8P8C 50U" GOLD PLATED TWO-PIECE PLUG.	
2	MOLDED: TRANSPARENT ASSEMBLE BOOT.	
1	CABLE: CAT6 U/UTP 4P/28AWG(7/0.12±0.008BC) OD=Ø3.6±0.15MM LSZH JACKET.	
NO.	SPECIFICATION	Q'TY
BOM LIST		

ITEM NO:	ProXtend Slim U/UTP CAT6 LSZH AWG 28			DRAWER DATE	FW
TITLE				CHECKED DATE	20210413
CUSTOMER				APPROVED DATE	20210413
MATERIAL		SCALE			
REV.	A	UNIT	MM		
DRAWING NO:	60U0L360712HB 120---10413111				
ACAD FILE	E:\				



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

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