

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 – -20°C to +75°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)

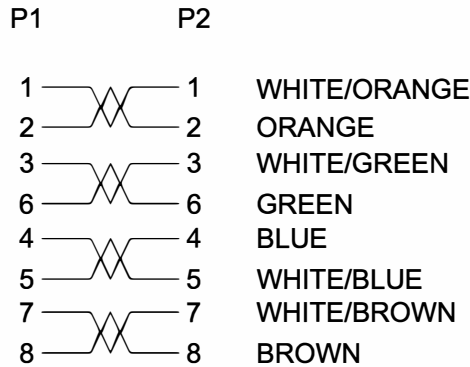
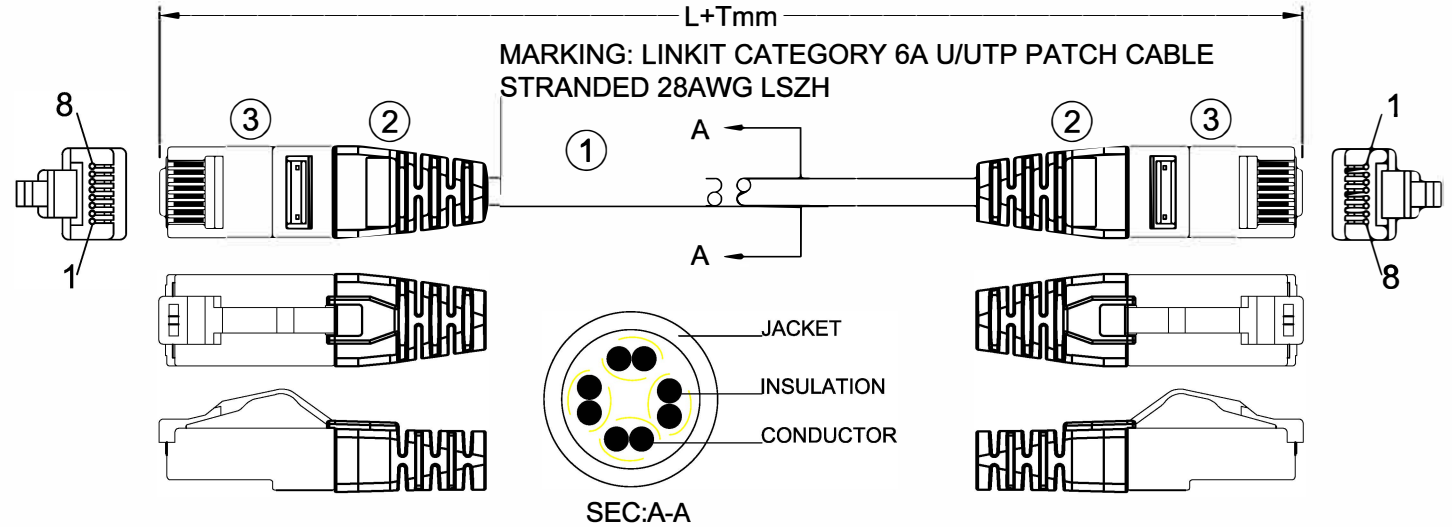
- Connector Type – 8P8C (RJ45)
- Gender – Male
- Connector Material – PC
- Contact Material – Copper Alloy, Gold Plating 50U"
- Hood Material – TRANSPARENT ASSEMBLE

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)
- Fluke DSX 8000 Channel Test (Randomly test, not individually test)



COLOUR	LENGTH(mm)	TOLERANCE
Blue-RAL5015 Green-RAL6029 Grey-RAL7035 White-RAL9003 Red-RAL3031	200	±15mm
	300	±15mm
	500	±15mm
	750	±15mm
	1000	±20mm
	1500	±20mm
	2000	±30mm
	2500	±30mm
	3000	±30mm
	3500	±30mm
4000	±30mm	
4500	±30mm	
5000	±30mm	
7500	±60mm	
10000	±80mm	

ITEM NO:	SLIM CAT.6A U/UTP 28AWG Patch Cable			DRAWER	LY
TITLE				DATE	20181218
CUSTOMER				CHECKED	MTC
MATERIAL	SCALE			DATE	20181218
REV.	A	UNIT	MM		
DRAWING NO:	81218093				
ACAD FILE	E:\				

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		