

Overview
Bandwidth: 500MHz
OD: 3.6mm
Conductor: 28AWG
Approvals: RoHS
Connector: gold plated RJ45 connector

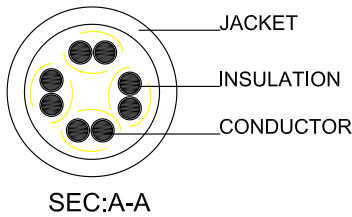
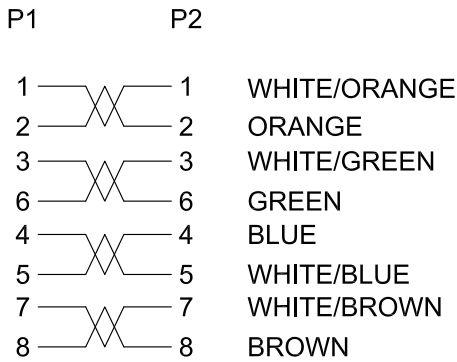
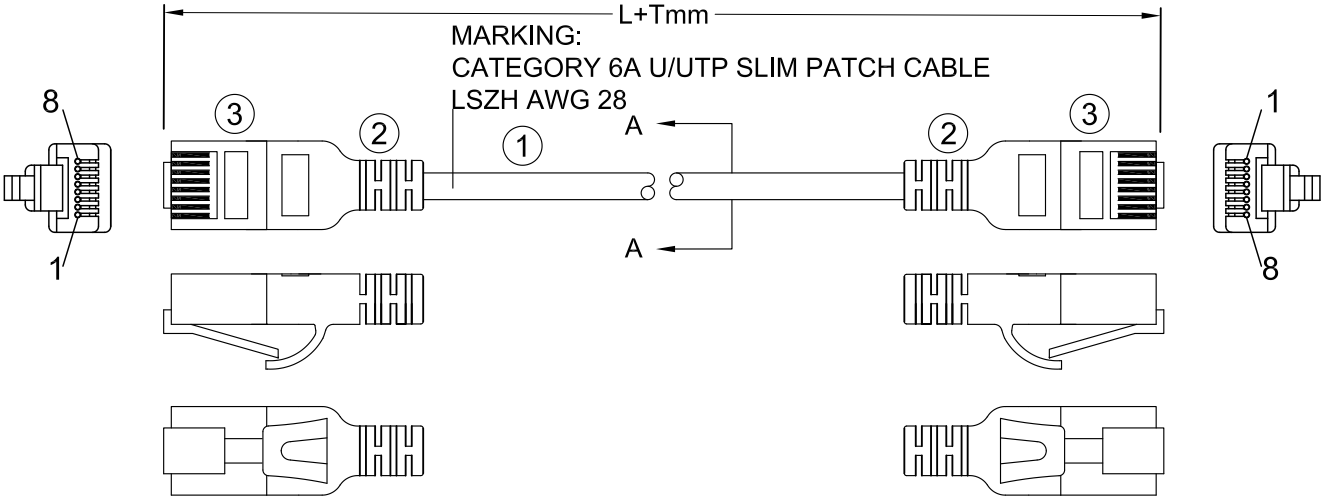
Physical Characteristics
•Cable Type – Cat6A UTP
•Connector Type(s) – RJ45
•Wiring Scheme – T568A or T568B
•Temperature Rating – -20°C to +75°C
•Voltage Rating – 30V

Conductor (Qty. 4 twisted pair)
• Conductor Type – 28AWG(7/0.12), Stranded Bare Copper
• Insulation – HDPE
• Diameter – 0.61±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
• Hood Material – PVC MOLDED BOOT

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)



3	RJ45 PLUG: 8P8C GOLD PLATED TWO-PIECE PLUG.	
2	MOLDED: PVC MOLDED BOOT.	
1	CABLE: CAT6A UTP 4P/28AWG(7/0.12±0.008BC) OD=Ø3.6±0.15MM LSZH JACKET.	
NO.		Q'TY

BOM LIST

ITEM NO:	08-0420			DRAWER DATE	LY
TITLE				CHECKED DATE	MTC
CUSTOMER				APPROVED DATE	
MATERIAL		SCALE			
REV.	A	UNIT	MM		
DRAWING NO:					
ACAD FILE					

