

Overview

Bandwidth: 500MHz
 OD: 3.8mm
 Conductor: 34AWG
 Approvals: RoHS
 Connector: 3U" gold plated RJ45 connector

Physical Characteristics

- Cable Type – Cat6A STP
- 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 – 34AWG(7/0.08), 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)

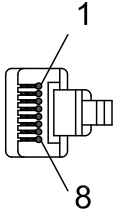
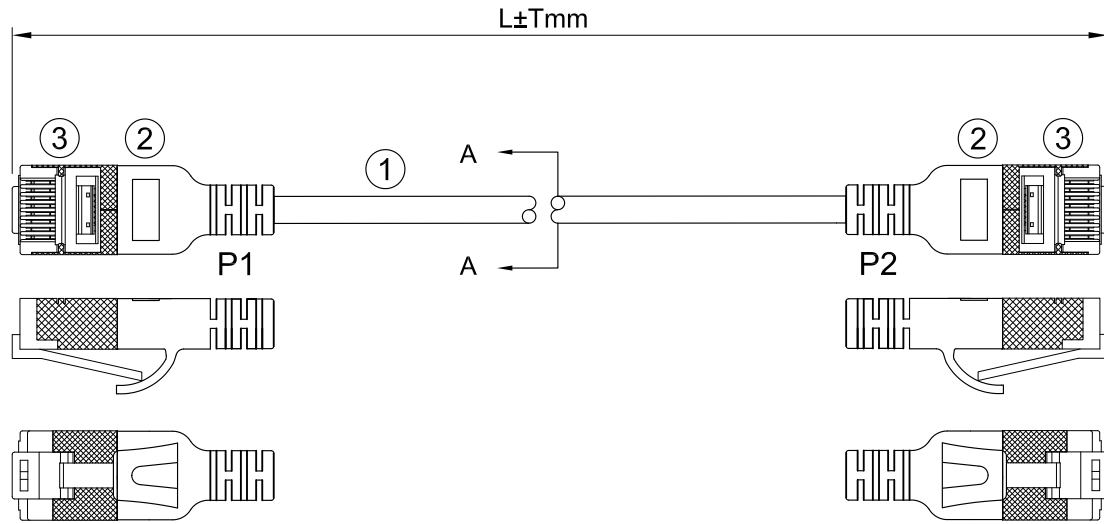
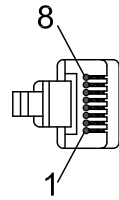
- Connector Type – 8P8C (RJ45)
- Gender – Male
- Connector Material – INDUSTRY-RATED
- Contact Material – Copper Alloy, 3U" Gold Plating
- Hood Material – Molded PVC

Overall Cable

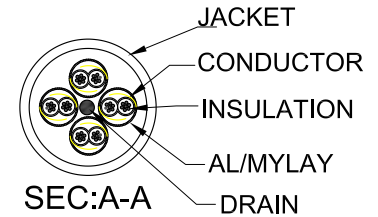
- Jacket – LSZH
- Minimum Average Thickness – 0.65mm
- Outer Diameter – 3.8 ± 0.15mm

Electrical Characteristics

- Conductor DC Resistance – 24.2Ω/100m (maximum)
- Impedance – 100Ω
- Capacitance – 5600pf/100m
- Propagation Delay – 545ns/100m (maximum)
- Delay Skew – 45ns/100m (maximum)
- DSX 5000 Fluke Channel test(random test)



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



3	RJ45 PLUG: 8P8C 3U" GOLD PLATED TWO-PIECE INDUSTRY-RATED-PLUG; NICKEL-PLATED SHELL.	
2	MOLDED: PVC MOLDED BOOT.	
1	CABLE: CAT6A STP [34AWG(7/0.08BC)+AL/MYLA]*4+DRALN(7*0.10TC) OD=Ø3.8±0.15MM LSZH JACKET.	
NO.	SPECIFICATION	Q'TY
BOM LIST		

ITEM NO:	CAT6A STP PATCH CORD			DRAWER DATE	
TITLE				CHECKED DATE	
CUSTOMER				CHECKED DATE	
MATERIAL		SCALE		APPROVED DATE	
REV.	A	UNIT	MM		
DRAWING NO:				 The original Slimpatchcord www.justslim.eu	
ACAD FILE					