

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(7/0.12mm), Stranded BC
- 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)

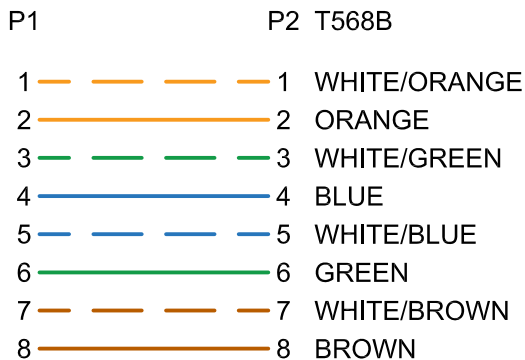
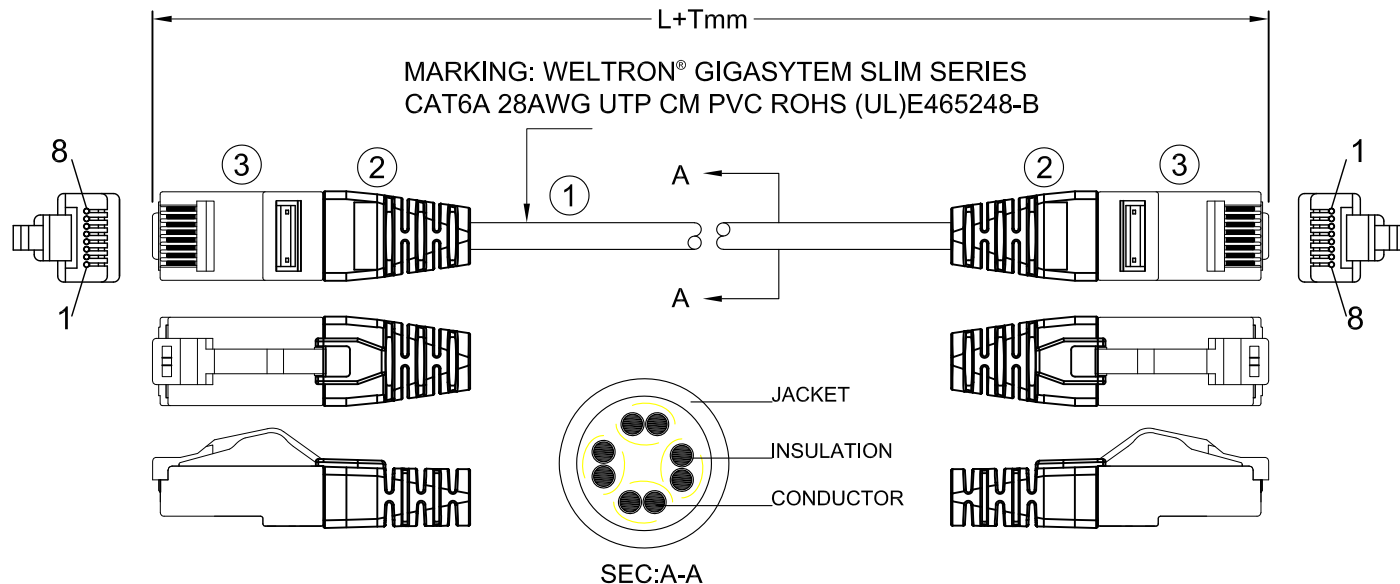
- Connector Type – 8P8C (RJ45)
- Gender – Male
- Connector Material – PC
- Contact Material – Copper Alloy, Gold Plating 50U"
- Hood Material – TRANSPARENT ASSEMBLE

Overall Cable

- Jacket – CM PVC
- 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)
- Fluke DSX 8000 Channel Test (Randomly test)



COLOUR		LENGTH(FT)	TOLERANCE
		0.5	±15mm
Blue	RAL5015	1	±15mm
Purple	RAL4005	2	±15mm
Orange	RAL2008	3	±20mm
Black	RAL9011	5	±20mm
Green	RAL6029	7	±30mm
Yellow	RAL1021	10	±30mm
Red	RAL3031		
Grey	RAL7035		
White	RAL9016		
Pink	RAL3015		

ITEM NO:	Slim 28AWG UTP CAT.6A Patch Cable with Clear Boot			DRAWER DATE	20200422
TITLE				CHECKED DATE	20200422
CUSTOMER				APPROVED DATE	
MATERIAL		SCALE			
REV.	A	UNIT	MM		

3	RJ45 PLUG: 8P8C 50U" GOLD PLATED THREE-PIECE PLUG.	
2	MOLDED: TRANSPARENT ASSEMBLE BOOT .	
1	CABLE: CAT6A U/UTP 4P/28AWG(7/0.12±0.008BC) OD=Ø3.6±0.15MM CM PVC JACKET.	
NO.	SPECIFICATION	Q'TY
BOM LIST		

