

Overview

- Bandwidth: 500MHz
- OD: 4.8mm
- Conductor: 28AWG
- Approvals: RoHS
- Connector: 50U" gold plated RJ45 connector

Physical Characteristics

- Cable Type – CAT6A U/FTP
- 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 –FOPE
- Diameter – 0.80±0.05mm
- Pair Identification:
 - Pair1=Orange, Orange-White
 - Pair2=Blue, Blue-White
 - Pair3=Green, Green-White
 - Pair4=Brown, Brown-White

Connector Type (Qty. 2)

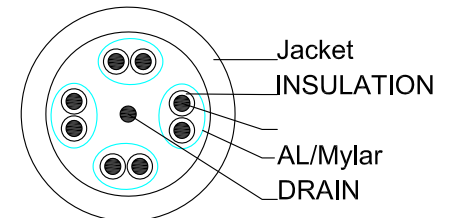
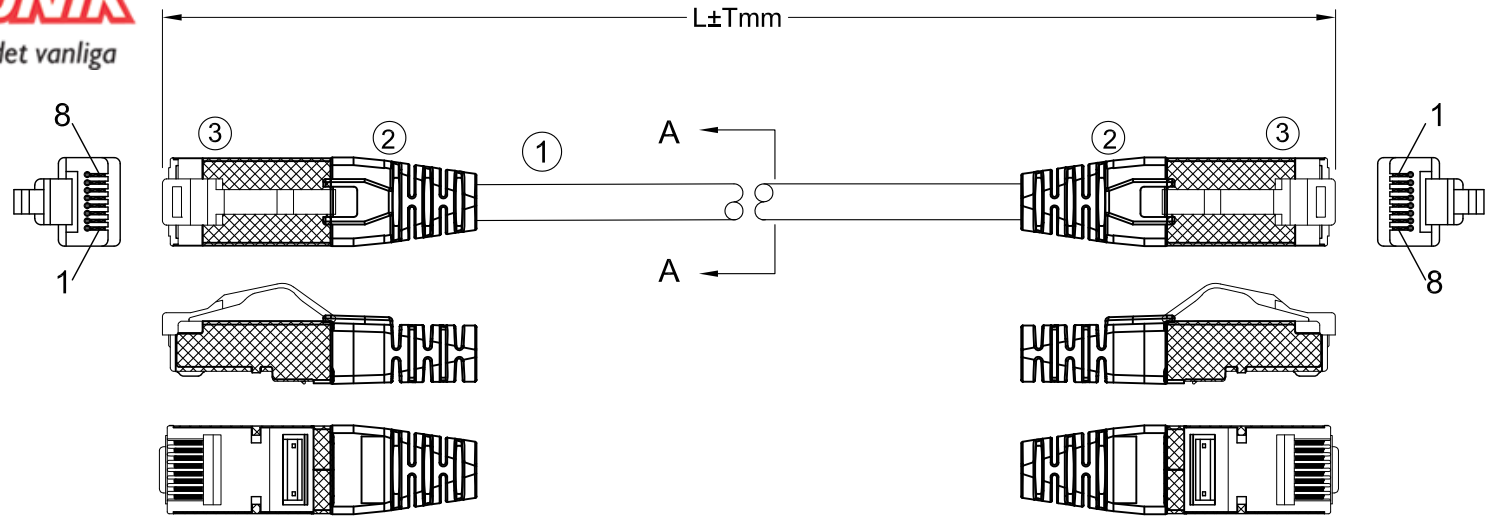
- Connector Type –Shielded 8P8C (RJ45)
- Gender – Male
- Connector Material –PC
- Contact Material – Copper Alloy, Gold Plating 50U"
- Hood Material – TRANSPARENT ASSEMBLE BOOT

Overall Cable

- Jacket –LSZH
- Minimum Average Thickness – 0.60mm
- Outer Diameter – 4.8 ± 0.20mm

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 DSX 8000 Fluke Channel Link test



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

3	RJ45 PLUG: 8P8C 50U" GOLD PLATED TWO-PIECE PLUG; NICKEL-PLATED SHELL.
2	MOLDED: TRANSPARENT ASSEMBLE BOOT.
1	CABLE: CAT6A U/FTP [28AWG(7/0.12±0.008BC)+AL/MYLAY]*4+DRAIN OD=Ø4.8±0.20MM LSZH JACKET.

NO.	SPECIFICATION
	BOM LIST