

Overview

Bandwidth: 500MHz
 OD: 6.0mm
 Conductor: 26AWG
 Approvals: RoHS
 Connector: 50U" gold plated RJ45 connector

Physical Characteristics

- Cable Type – Cat6A S/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 – 26AWG, Stranded BC
- Diameter – 1.02±0.05mm
- Pair Identification:
 - Pair1=Orange, Orange-White
 - Pair2=Blue, Blue-White
 - Pair3=Green, Green-White
 - Pair4=Brown, Brown-White

Connector Type (Qty. 2)

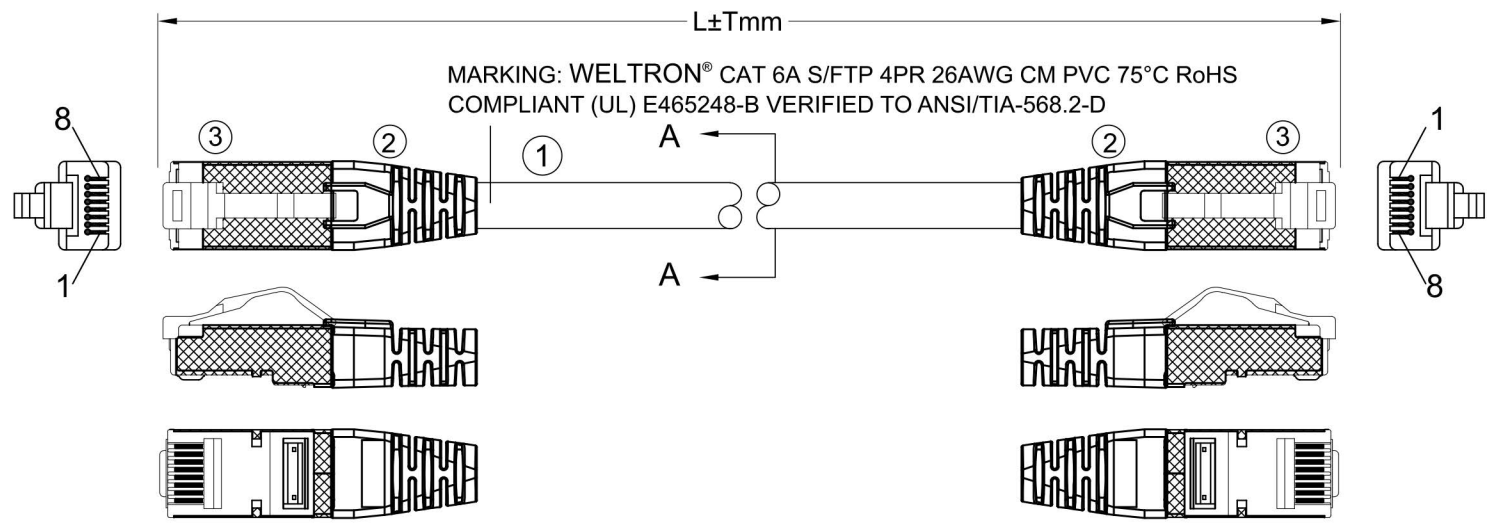
- Connector Type – Shielded 8P8C (RJ45)
- Gender – Male
- Connector Material – PC
- Contact Material – Copper Alloy, Gold Plating – 50µm
- Hood Material – MOLDED TRANSPARENT ASSEMBLE

Overall Cable

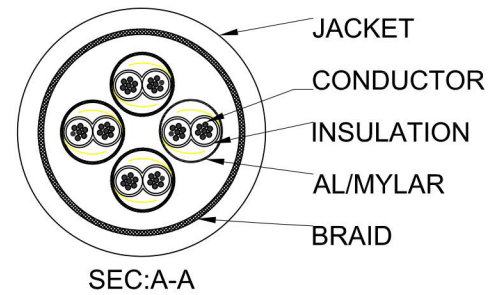
- Jacket – CM PVC
- Minimum Average Thickness – 0.60mm
- Outer Diameter – 6.0 ± 0.20mm

Electrical Characteristics

- Conductor DC Resistance – 15.2Ω/100m (maximum)
- Impedance – 100Ω
- Capacitance – 5600pf/100m
- Propagation Delay – 545ns/100m (maximum)
- Delay Skew – 45ns/100m (maximum)
- DSX 8000 Fluke Channel Test (Randomly test)



P1	P2 T568B
1 —	1 WHITE/ORANGE
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; SHIELDED NICKEL PLATING.	
2	MOLDED: TRANSPARENT ASSEMBLE BOOT .	
1	CABLE: CAT6A S/FTP[26AWG(BC)+AL/MYLAY]*4+BRAID(16*5/0.12±0.008AL-MG) OD:Ø6.0±0.2MM CM PVC JACKET.	
NO.	SPECIFICATION	Q'TY
BOM LIST		

ITEM NO:	90-C6ABS-XX-YYY			DRAWER	LY
TITLE	CAT.6A S/FTP Patch Cable with Clear Boot			DATE	20190604
MATERIAL		SCALE		CHECKED	MTC
REV.	A	UNIT	MM	DATE	20190604
DRAWING NO:	6ASFP6007152FB 120---90604160				
ACAD FILE	E:\				