

Overview

Bandwidth: 2000MHz
 OD: 8.0mm
 Conductor: 24AWG
 Approvals: RoHS
 Connector: 50U" gold plated RJ45 connector

Physical Characteristics

- Cable Type – Cat8 S/FTP
- 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 – 24AWG(7/0.20), Stranded Bare Copper
- Insulation – FOPE
- Diameter – 1.4±0.05mm
- Pair Identification:
 - Pair1=Orange, WHITE(Orange-White)
 - Pair2=Blue, WHITE(Blue-White)
 - Pair3=Green, WHITE(Green-White)
 - Pair4=Brown, WHITE(Brown-White)

Connector Type (Qty. 2)

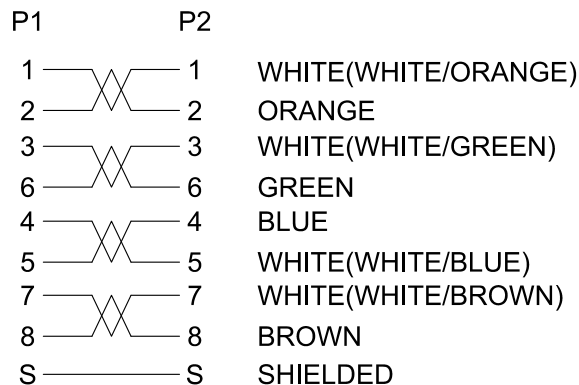
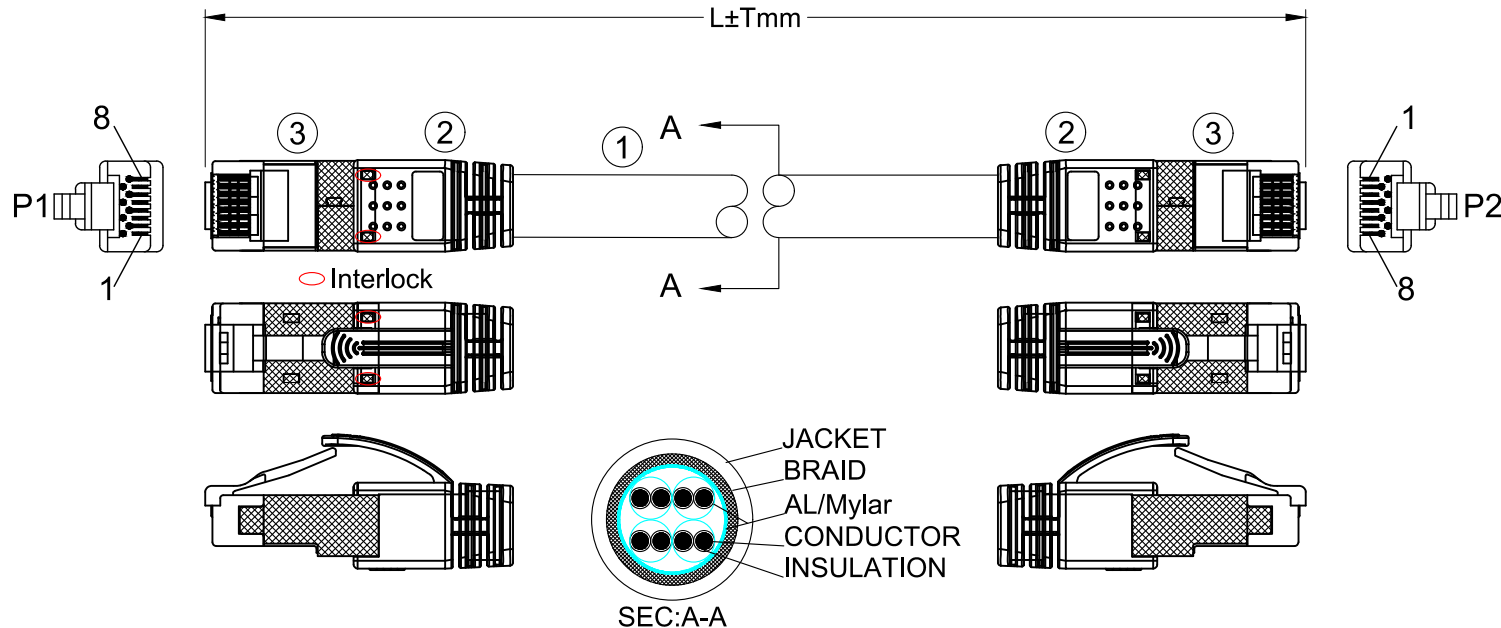
- Connector Type – Shielded 8P8C (RJ45)
- Gender – Male
- Connector Material – PC
- Contact Material – Copper Alloy, Gold Plating
- Tensile resistance from cable to connector up to 200N
- Tensile resistance from plug to boot up to 70N

Overall Cable

- Jacket – LSZH/PVC
- Minimum Average Thickness – 0.60mm
- Outer Diameter – 8.0 ± 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)
- support 40Gb/s transfer rate and 65% shielded
- Pass Fluke DSX 8000 Channel Test (Randomly test, not 100% test)



P/N	LENGTH(mm)	TOLERANCE
	300	±15mm
	500	±15mm
	1000	±20mm
	1500	±20mm
	2000	±30mm
	3000	±30mm
	5000	±30mm
	7000	±60mm
	7500	±60mm
	10000	±80mm
	12000	±80mm
	15000	±80mm
	20000	±80mm
	25000	±80mm

ITEM NO:	Tensile-Resistant CAT.8 S/FTP Patch Cable			DRAWER	LY
TITLE				DATE	20190422
CUSTOMER				CHECKED	MTC
MATERIAL	SCALE			DATE	20190422
REV.	A	UNIT	MM	APPROVED	
DRAWING NO:	80SFP800720FB xxx---90422150			DATE	
ACAD FILE	E:\				



3	RJ45 PLUG: 8P8C 50U" GOLD PLATED TWO-PIECE PLUG; SHIELDED NICKEL PLATING.	
2	BOOT: PATENTED INTERLOCKING CONNECTOR.	
1	CABLE: CAT8 S/FTP [1P/24AWG(7*0.20BC)+AL]*4+BRAID(16*8/0.12AL-MG) OD=Ø8.0±0.20MM LSZH/PVC JACKET.	
NO.	SPECIFICATION	Q'TY
BOM LIST		