

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

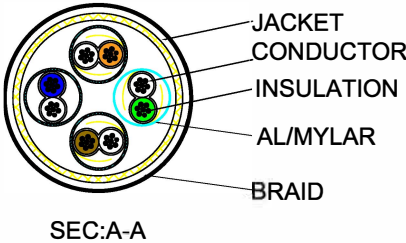
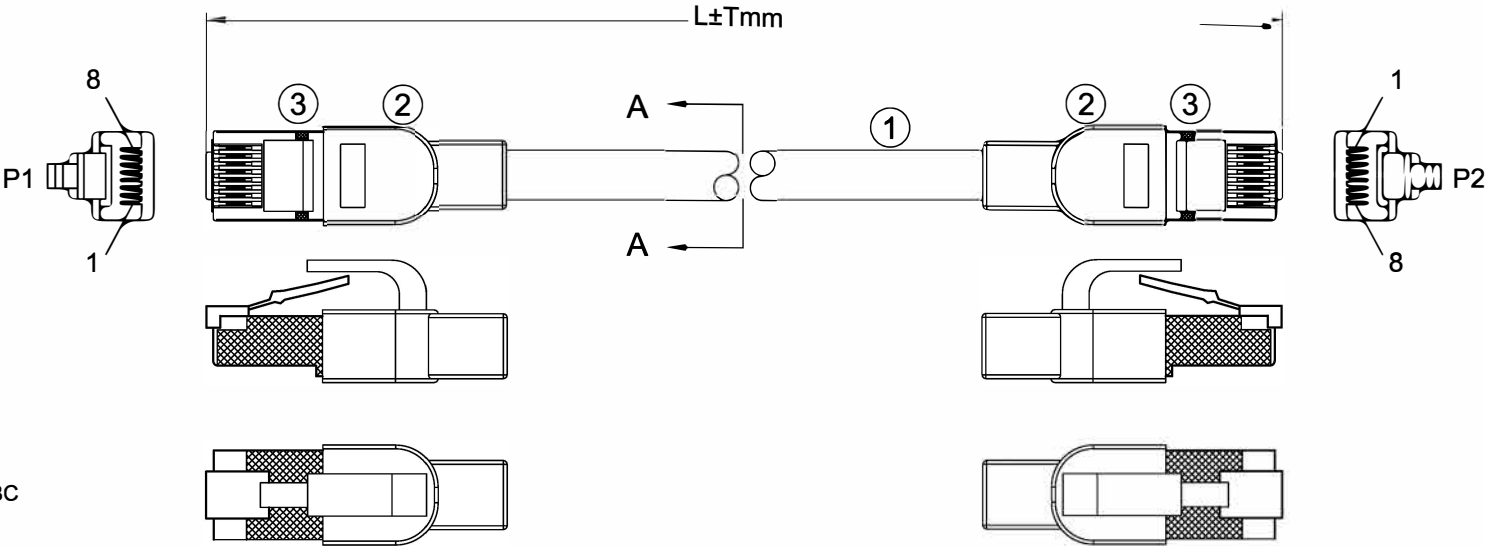
- Physical Characteristics**
- Cable Type – CAT6A S/FTP
 - Connector Type(s) – RJ45
 - Wiring Scheme – T568B
 - Temperature Rating
 - Installation: 0°C~50°C
 - Operation: -40°C~80°C
 - Voltage Rating – 30V

- Conductor (Qty. 4 twisted pair)**
- Conductor Type – 26AWG(7/0.16±0.008mm), Stranded BC
 - Insulation – FMPE
 - Diameter – 1.04±0.05mm
 - Pair Identification:
 - Pair1=Orange, White
 - Pair2=Blue, White
 - Pair3=Green, White
 - Pair4=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 PVC

- Overall Cable**
- Jacket – PUR
 - Minimum Average Thickness – 0.60mm
 - Outer Diameter – 6.0 ± 0.20mm

- Electrical Characteristics**
- Conductor DC Resistance – 17.89Ω/100m (maximum)
 - Impedance – 100Ω
 - Capacitance – 5600pf/100m
 - Propagation Delay – 545ns/100m (maximum)
 - Delay Skew – 45ns/100m (maximum)
 - Pass Fluke DSX 8000 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 TRANSPARENT BLACK TWO-PIECE PLUG; NICKEL PLATED SHIELDED.	
2	MOLDED: PVC MOLDED BOOT .	
1	CABLE: CAT6A S/FTP[26AWG(7/0.16±0.008mmBC)+AL/MYLAR]*4+BRAID(16*5/0.12±0.008 AL-MG) OD:Ø6.0±0.2MM PUR JACKET.	
NO.	SPECIFICATION	Q'TY
BOM LIST		

ITEM NO:	PUR Cat.6A S/FTP Patch Cable			DRAWER DATE	FW 20221220
COLOR				CHECKED DATE	ACE 20221220
CUSTOMER	EET Group A/S			APPROVED DATE	
MATERIAL		SCALE			
REV.	A	UNIT	MM		
DRAWING NO:	6ASFU600716FB 137---21220143				
ACAD FILE	E:\				