

RoHS COMPLIANT

Overview

Bandwidth: 500MHz
 OD: 8.5mm
 Conductor: 23AWG
 Approvals: RoHS
 Connector: 50U"gold plated RJ45 connector

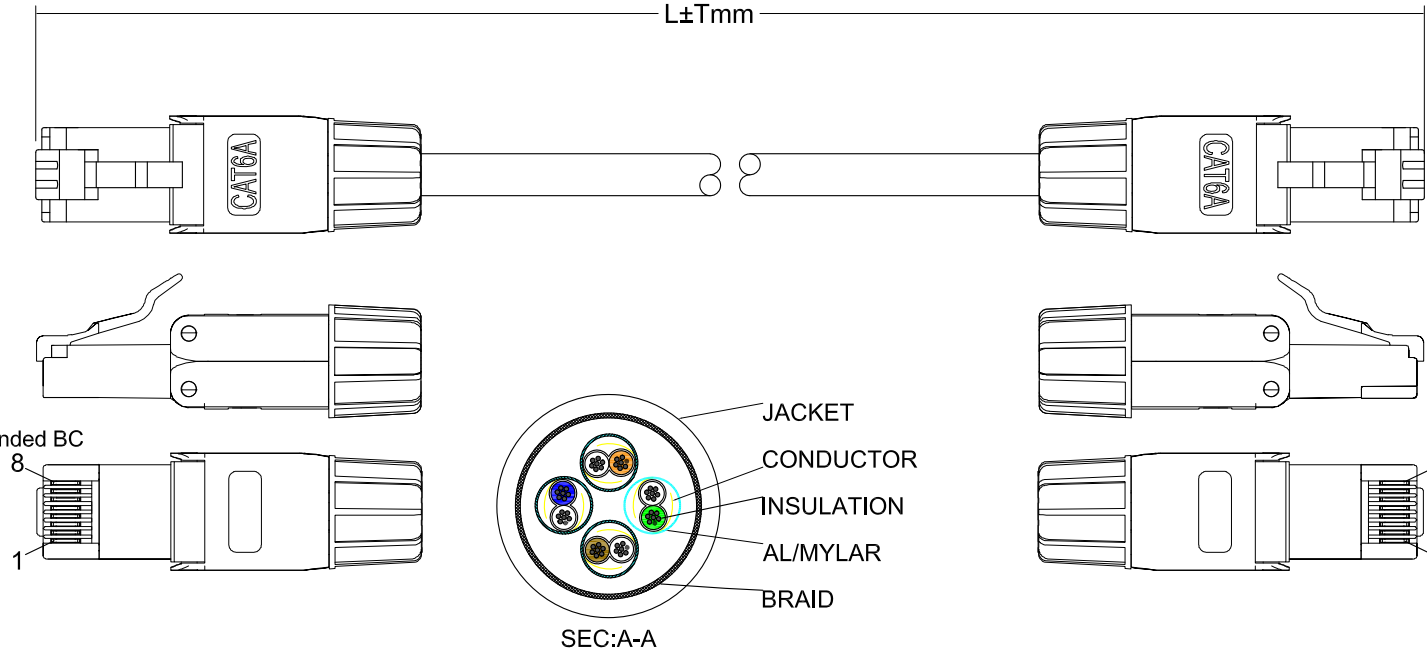
Physical Characteristics

- Cable Type – CAT6A S/FTP
- Connector Type(s) – RJ45
- Wiring Scheme – T568B
- Temperature Rating
 - Installation: -10°C~50°C
 - Operation: -25°C~80°C
- Voltage Rating – 30V

Conductor (Qty. 4 twisted pair)

- Conductor Type – 23AWG(7/0.226±0.008mm), Stranded BC
- Insulation – FOPE
- Diameter – 1.55±0.05mm
- Pair Identification:
 - Pair1=Orange, White
 - Pair2=Blue, White
 - Pair3=Green, White
 - Pair4=Brown, White

P1



Connector Type (Qty. 2)

- Connector Type – Shielded 8P8C (RJ45)
- Gender – Male
- Connector Material – Zinc alloy
- Contact Material – Copper Alloy, Gold Plating – 50µm
- Hood Material – Assemble Boot

Overall Cable

- Jacket – PUR
- Minimum Average Thickness – 0.60mm
- Outer Diameter – 8.5 ± 0.20mm

Electrical Characteristics

- Conductor DC Resistance – 8.92Ω/100m (maximum)
- Impedance – 100Ω
- Capacitance – 5600pf/100m
- Propagation Delay – 545ns/100m (maximum)
- Delay Skew – 45ns/100m (maximum)
- Pass Fluke DSX-8000 Channel Test @90m

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

COLOUR	LENGTH(M)	TOLERANCE	LENGTH(M)	TOLERANCE
/	0,5	+20/-15mm	30	±80mm
	1	±20mm	35	±80mm
	2	±30mm	45	±80mm
	3	±30mm	50	±80mm
	5	±50mm	60	±80mm
	7,5	±50mm	70	±80mm
	10	±80mm	80	±80mm
	15	±80mm	90	±80mm
	20	±80mm		
	25	±80mm		

ITEM NO:	23AWG Stranded CAT.6A S/FTP PUR Patch Cable for Audio Networking	DRAWER DATE	FW 20220513
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3	RJ45 PLUG: 8P8C 50U" GOLD PLATED TOOLLESS PLUG SHIELDED ZINC ALLOY PLATING	
2	MOLDED: ASSEMBLE BOOT .	
1	CABLE: CAT6A S/FTP[1P/23AWG(7/0.226±0.008MM Stranded BC)+AL/MYLAR]*4+BRAID(16* 10/0.10±0.008TC) OD:Ø8.5±0.2MM PUR JACKET.	
NO.	SPECIFICATION	Q'TY
BOM LIST		

DIREKTRONIK
 Dataprodukter utöver det vanliga