

RoHS COMPLIANT

Overview

Bandwidth: 500MHz
 OD: 4.5mm
 Conductor: 30AWG
 Approvals: RoHS
 Connector:Antibacterial 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 – 30AWG(7/0.10mm), Stranded BC
- Insulation – FOPE
- Diameter – 0.67±0.05mm
- Pair Identification:
 - Pair1=Orange, Orange-White
 - Pair2=Blue, Blue-White
 - Pair3=Green, Green-White
 - Pair4=Brown, Brown-White

Connector Type (Qty. 2)

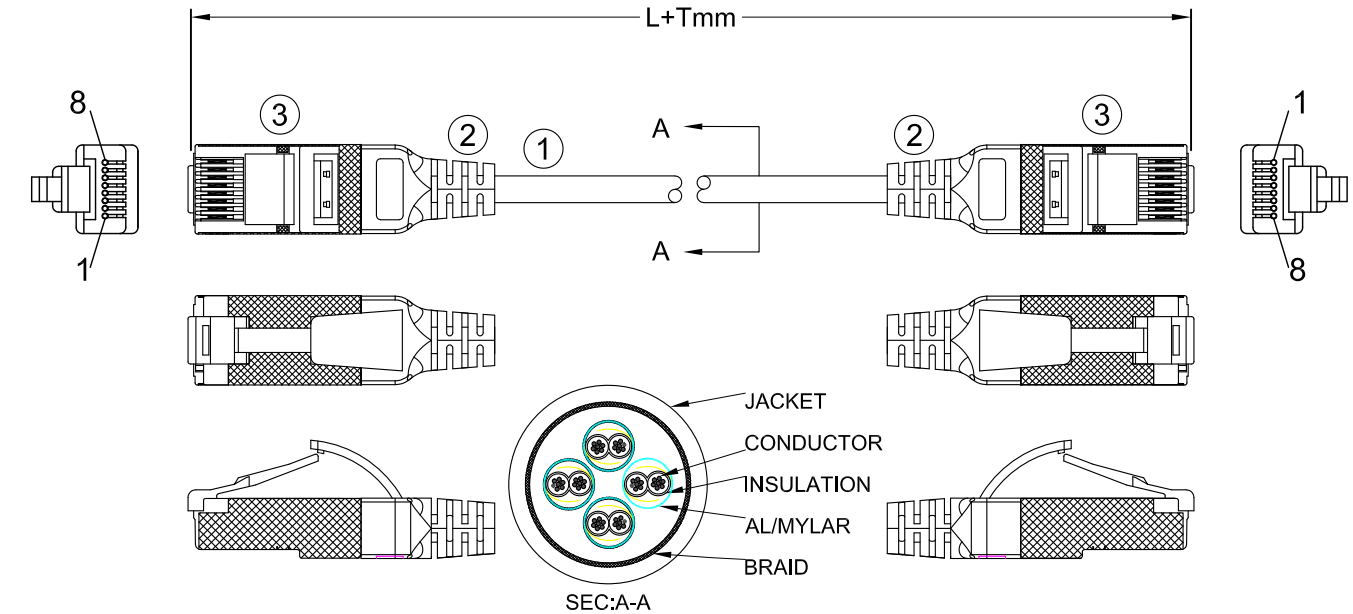
- Connector Type – Shielded 8P8C (RJ45)
- Gender – Male
- Connector Material –Antibacterial Nylon
- Contact Material – Copper Alloy, Gold Plating 50U"
- Hood Material – Molded Antibacterial PVC

Overall Cable

- Jacket – Antibacterial PVC/LSZH
- Minimum Average Thickness – 0.60mm
- Outer Diameter – 4.5 ± 0.15mm

Electrical Characteristics

- Conductor DC Resistance – 60.1Ω/100m (maximum)
- Impedance – 100Ω
- Capacitance – 5600pf/100m
- Propagation Delay – 545ns/100m (maximum)
- Delay Skew – 45ns/100m (maximum)
- Pass Fluke DSX 8000 Channel Test (5% test)



Antibacterial Activity

Test Method:
 ISO 22196:2011 Measurement of antibacterial activity on plastics and other non-porous surfaces

Test Organism:
 Escherichia coli ATCC 8738
 Staphylococcus aureus ATCC 6538P

Antibacterial Activity Rate:
 Escherichia coli > 99.9%
 Staphylococcus aureus > 99.9%

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:ANTIBACTERIAL 8P8C 50U" GOLD PLATED TWO PIECE NYLON PLUG; NICKEL-PLATED SHELL.	
2	MOLDED: ANTIBACTERIAL PVC MOLDED BOOT .	
1	CABLE: CAT6A S/FTP [30AWG(7/0.10BC±0.008mm)+AL/MYLAY]*4+BRAID(16*4/0.08TC) OD=Ø4.5±0.15MM ANTIBACTERIAL PVC/LSZH JACKET.	
NO.	SPECIFICATION	Q'TY
BOM LIST		

ITEM NO:	Antibacterial Cat.6A Slim 30AWG S/FTP Patch Cable	DRAWER DATE	RON 20200708
TITLE		CHECKED DATE	ACE 20200708

DIREKTRONIK
 Dataprodukter utöver det vanliga