

Antibacterial HealthLAN CAT.6A 23AWG S/FTP Installation Bulk Cable

Best.nr: 20116049

PRODUCT DESCRIPTION

• Cable Specifications:

CAT6A S/FTP 4 X 1P[23AWG(1/0.58mm±0.008mm BC)+AL/Mylar]+B (16*6/0.12mm)AL-MG Antibacterial LSZH OD: 7.8±0.20mm

• Standard Reference:

- ISO/IEC 11801:2017
- ANSI/TIA-568.2-D

• Physical characteristic

- Rated temperature: 75°C
- Installation temperature: -20-60°C
- Operating temperature: -20-75°C
- Min bending radius:15xOD in Operation:10xOD after operation
- Safety Characteristics:RoHS-2 2011/65/EU

• Application

- Support 500MHz bandwidth
- Support 10G Ethernet
- Applied to data centers, servers, switches, wiring racks and other equipment connections

CABLE CONSTRUCTION

Conductor	Material	Solid Bare Copper	
	Nom.O.D (mm)	1/0.58±0.008mm 23AWGx4P	
Insulation	FMPE	HDPE	
Average Thickness(mm)	0.42	/	
Insulation Dia.(±0.05mm)	1.40	/	
AL/Mylar	COVERAGE 100%	OVERLAP25%min	
Braid	Material	AL-MG	
	Size (±0.008mm)	16*6/0.12	
	Coverage	65%	
Jacket Antibacterial LSZH	Average Thickness (mm)	0.55	
	Outer Dia.(±0.20mm)	7.8	
Code Color	1 Blue*White	2 Orange*White	
	3 Green*White	4 Brown*White	
Mraking	/		
Packaging length	305M/R		
Packaging method	Wooden shaft packing		

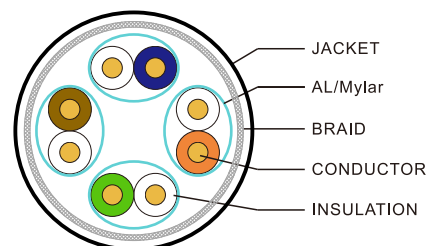
CHARACTERISTICS

Conductor Resistance@20°C	≤89.2Ω/km
Resistance Unbalance@20°C	≤5%

DIREKTRONIK

Dataprodukter utöver det vanliga

Cable Cross-Section Structure



TECHNICAL PERFORMANCE

Fluke Permanent Link Test@90m

Frequency (MHZ)	Insertion Loss	RL Min (dB)	NEXT Min (dB)
1	3.0	19.1	65.0
4	3.5	21.0	64.1
8	5.0	21.0	59.4
10	5.5	21.0	57.8
16	7.0	20.0	54.6
20	7.8	19.5	53.1
25	8.8	19.0	51.5
31.25	9.8	18.5	50.0
62.25	14.0	19.0	45.1
100	18.0	14.0	41.8
200	26.1	11.0	36.9
250	29.5	10.0	35.3
350	35.6	8.6	31.8
450	41.1	8.0	28.2
500	43.8	8.0	26.7

Frequency (MHZ)	PS NEXT Min(dB)	ELFEXT Min(dB)	PSELFEXT Min(dB)	Impedance (Ohms)
1	62.0	64.2	61.2	100±15
4	61.8	52.1	49.1	
8	57.0	46.1	43.1	
10	55.5	44.2	41.2	
16	52.2	40.1	37.1	
20	50.7	38.2	35.2	
25	49.1	36.2	33.2	
31.25	47.5	34.3	31.3	
62.25	42.7	28.3	25.3	
100	39.3	24.2	21.2	
200	34.3	18.2	15.2	
250	32.7	16.2	13.2	
350	29.1	13.3	10.3	
450	25.3	11.1	8.1	
500	23.8	10.2	7.2	



DIREKTRONIK

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