



PRODUCT DATA SHEET

PDS-8100000181

LAN S/FTP Cat.6A LSZH Patchcord

Ver. A

Date of Issue:
01.11.2016



Above picture for illustration purpose only.

1. Application

Structured Cabling
Indoor applications
LAN connections

2. Reference Standard

Class E_A (Cat.6A) acc. to ISO/IEC 11801
Configuration acc. to EIA/TIA 568B
RoHS Compliant

3. Product Make-up

7-wire bare stranded copper conductor
PE core insulation
S/FTP: overall screening with tinned copper wire braid,
individual pair screening with plastic laminated aluminum foil
LSZH Jacket: Flame Retardant in acc. to IEC 60332-1
Halogen Free in acc. to IEC 60754-1
Smoke Density in acc. to IEC 61034

Other lengths and jacket colours are available upon request, subject to production MOQ.

4. Technical Data

4.1. Core identification code

- 4.1.1. Pair 1: blue + white/blue
- 4.1.2. Pair 2: orange + white/orange
- 4.1.3. Pair 3: green + white/green
- 4.1.4. Pair 4: brown + white/brown

- 4.2. Mutual capacitance: Max. 56.0 pF/m (core-core)
- 4.3. Minimum bending radius: Fixed installation: 4 x cable diameter
- 4.4. Temperature range: -20°C to +70°C
- 4.5. Characteristic impedance: 100 +/- 15 Ohm at 100 MHz

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5. Article List

Colour	Material	Lengths (Metres)					
		0,5m	1,0m	1,5m	2,0m	3,0m	5,0m
Grey	PVC	8100000181	8100000182	8100000183	8100000184	8100000185	8100000186
Green	PVC	8100000281	8100000282	8100000283	8100000284	8100000285	8100000286
Yellow	PVC	8100000381	8100000382	8100000383	8100000384	8100000385	8100000386
Red	PVC	8100000481	8100000482	8100000483	8100000484	8100000485	8100000486
Blue	PVC	8100000581	8100000582	8100000583	8100000584	8100000585	8100000586
Black	PVC	8100000681	8100000682	8100000683	8100000684	8100000685	8100000686
Orange	LSHF	8100000781	8100000782	8100000783	8100000784	8100000785	8100000786

Colour	Material	Lengths (Metres)					
		7,5m	10,0m	15,0m	20,0m	25,0m	30,0m
Grey	PVC	8100000187	8100000188	8100000189	8100000190	8100000191	8100000192
Green	PVC	8100000287	8100000288	8100000289	8100000290	8100000291	8100000292
Yellow	PVC	8100000387	8100000388	8100000389	8100000390	8100000391	8100000392
Red	PVC	8100000487	8100000488	8100000489	8100000490	8100000491	8100000492
Blue	PVC	8100000587	8100000588	8100000589	8100000590	8100000591	8100000592
Black	PVC	8100000687	8100000688	8100000689	8100000690	8100000691	8100000692
Orange	LSHF	8100000787	8100000788	8100000789	8100000790	8100000791	8100000792

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