

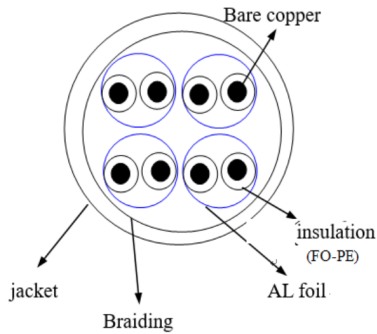
Data Sheet
Lan Cable

S/FTP Category 6A LSZH

EuroClass CPR:
Cca S1a - d1 - a1

4 PAIRS X 24AWG CAT6 S/FTP CABLE Cca

Part No.:



Marking

TBD

Description

Application

Horizontal Wiring Lan structured cablin and Data Centre

Reference Standard

EIA/TIA568 & ISO/IEC 11801

Conductor	Solid Bare Copper
Conductor . (±0.01mm)	1/0.56
Insulation	FOAMED PE
Average Thickness(mm)	0.40
Insulation Dia.(±0.1mm)	1.35
Twisting Lay Length(mm)	/
Cabling Lay Length(mm)	/
Filler(CROSS)	NO
PET	NO
Drain	NO
Braiding :	8/4/0.1TC
AL-PET	YES
Jacket	
Average Thickness(mm)	0.52
Min. Point Thickness(mm)	0.47
Outer Dia.(±0.3mm)	7.30
Rip Cord	optional

Performance

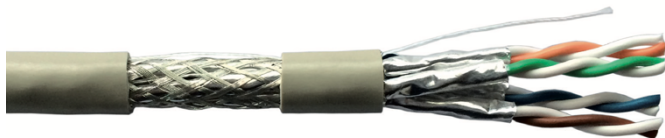
Electrical Characteristics:

Frequency (MHz)	Attenuation (dB/100m)	NEXT (dB/100m)	PSNEXT (dB/100m)	Return Loss >=dB
1	2.1	95.0	92.0	25.0
4	3.8	94.0	91.0	25.0
10	5.9	90.0	87.0	25.0
16	7.5	89.0	86.0	25.0
20	8.4	88.5	85.5	25.0
31.25	10.5	88.0	85.0	23.6
62.5	15.0	80.0	77.0	21.5
100	19.1	75.0	72.0	20.1
200	27.6	68.0	65.0	18.0
250	31.1	66.0	63.0	17.3
300	34.3	65.0	62.0	16.8
500	45.2	57.0	54.0	15.2

Frequency (MHz)	ELFEXT (dB/100m)	PSELFEXT (dB/100m)	ACR (dB/100m)	PSACR (dB/100m)
1	68.0	65.0	92.9	89.9
4	56.0	53.0	90.2	87.2
10	48.0	45.0	84.1	81.1
16	43.9	40.9	81.5	78.5
20	42.0	39.0	80.5	77.5
31.25	38.1	35.1	77.5	74.5
62.5	32.1	29.1	65.0	62.0
100	28.0	25.0	55.9	52.9
200	22.0	19.0	40.4	37.4
250	20.0	17.0	34.9	31.9
300	18.5	15.5	30.7	27.7
500	14.0	11.0	11.7	8.7

Max. Conductor DC Resistance 20°C (ohms/km) 147 Ohm/km Max.
Resistance Unbalance (%) 2 (% max)

1.0-500MHz Capacitance 100 ± 15
40pF/m nominal@1KHZ
Pair-to-Ground Capacitance Unbalance (pF/100m) 1.6pF/m nominal@1KHZ
Insulation Resistance: 5GOhmxkm min.



**RELIABLE
PERFORMANCE!**