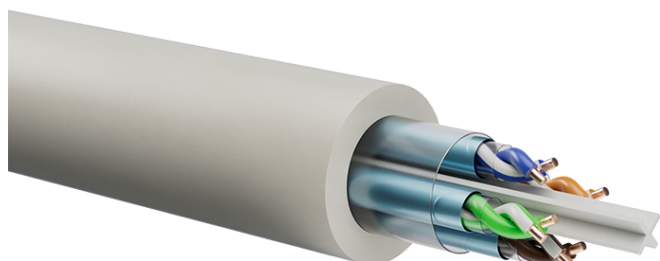


Cat.6A U/FTP LSZH B2CA Cable



View the product
on the website

CERTIFICATIONS



B2ca,s1a,d1,a1

DETAILS

Key features

Category 6A data cables for telecommunications, 550 MHz, 10 Gigabit, 4 twisted pairs, 100 Ohm, with solid bare copper conductors, 23 AWG, featuring polyolefin insulation. Suitable for structured cabling systems for the analogue and digital transmission of voice and data signals, compliant with Class EA. Available with LSZH sheath (low smoke zero halogen).

TECHNICAL FEATURES

Characteristic	Value
Inner Conductor	Rigid red copper – AWG 23/1 (0,56 mm)
Insulation of single conductors	Polyolefin diameter 1,12 mm
Colors	Blue – White/Blue, Orange – White/Orange, Green – White/Green, Brown – White/Brown
Shielding	AL/PES sheet for single pairs
Outer Jacket	LSZH – Diameter: 7,2 mm – White color (RAL 9001)
Weight of cabl	45 kg/km
Applications	ETHERNET, TP-DDI, 1000BASE TX, 1000BASET, ATM(TP)
Connection System	EIA/TIA 568 A e B
Complies	RoHS 2002/95/EC
Impedance	100 + 15 (?)
Operating Temperature	-15 °C ÷ +70 °C
Unbalanced-to-ground Capacitance	45 pF/m
Temperature of Installation	-5 °C ÷ +50 °C
Max ring strength (at 20°C)	16,4 ?/100 m
Minimum bending radius	60 mm
Maximum tractive load	70 N/mm ²
Propagation Speed	0.68

TRANSMISSION CHARACTERISTICS

Frequency	RL	ATT.	Next	PHASE DELAY	PSNEXT	ELFEXT	PSELFEXT
(MHz)	>= dB	<= dB	<= dB	<= dB	>= dB	>= dB	>= dB
1	20		74.3	570	72.3	67.8	64.8
4	23	3.8	65.3	552	63.3	55.8	52.8
8	24.5	5.3	60.8	547	58.8	49.7	46.7
10	25	5.9	59.3	545	57.3	47.8	44.8
16	25	7.5	56.2	543	54.2	43.7	40.7
20	25	8.4	54.8	542	52.8	41.8	38.8
25	24.3	9.4	53.3	541	51.3	39.8	36.8
31.25	23.6	10.5	51.9	540	49.9	37.9	34.9
62.5	21.5	15	47.4	539	45.4	31.9	28.9
100	20.1	19.1	44.3	538	42.3	27.8	24.8
200	18	27.6	39.8	537	37.8	21.8	18.8
250	17.3	31.1	38.3	536	36.3	19.8	16.8
300	16.8	34.3	37.1	536	35.1	18.3	15.3
400	15.9	40.1	35.3	536	33.3	15.8	12.8
500	15.2	45.3	33.8	536	31.8	13.8	10.8

CODE TABLE

Item Code	Description	Version	Shielding	Jacket	Ø Jacket	Packaging
RFL6A.0500B2 CA	4 pairs AWG 23/1	U/FTP	AL/PES sheet for single pairs	LSZH	7,2 mm	Reel 500 mt