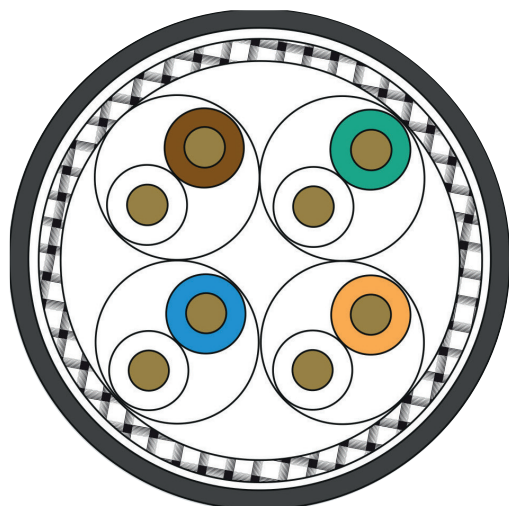


S-FTP cable 4x2xAWG23

Cat7 LSZH white

Item no.: LVN122506



PRODUCT OVERVIEW

Used for high speed cabling systems where there is a need for large data traffic. Offering the maximum protection from RFI/EMI, crosstalk and alien crosstalk, this cable has both an overall braid shield and foil shield, with individually foil tape screened twisted pairs. This type of cable provides the best level of protection from interference and better grounding due to the braid.

SPECIFICATIONS

Category	7 S-FTP
Transmission speed	10Gbps
Frequency	1000 MHz
Impedance	100 +/- 15 Ohm
NVP value	74%
EMC Class	D
Reaction-to-fire Class	Eca
Number of pairs	4
Conductor	AWG23 solid copper
Conductor insulation	PE

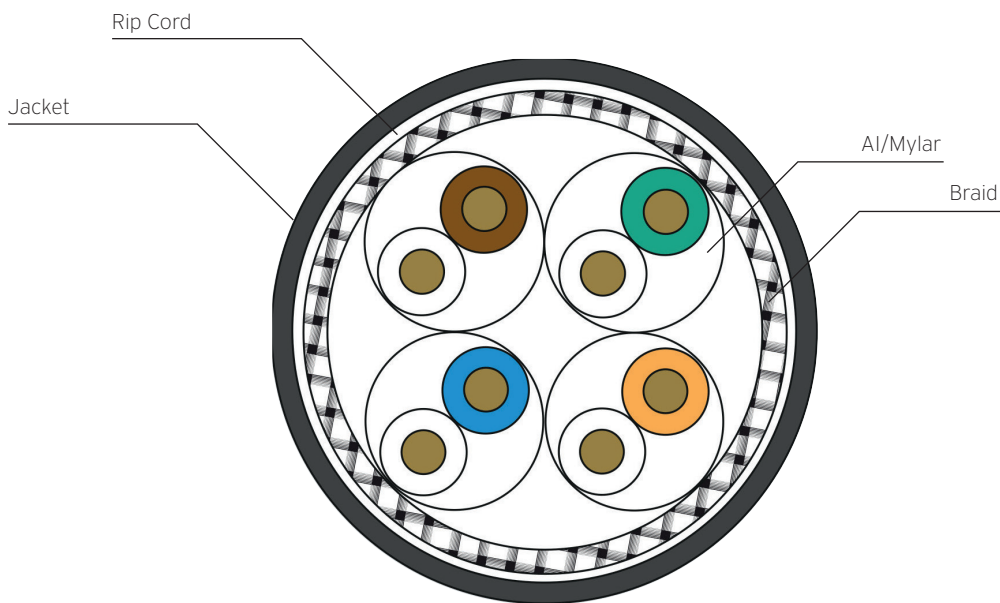
Jacket material	LSZH
Cable color	White
Shield	Individual shield and common braid shield
Standards	EIA/TIA 568B, ISO/IEC11801, EN 50173-2
Meter marked	Yes
Packing	500 m reel



SPECIFICATIONS

Category	S/FTP-CAT7-4P-LSZH-AM30		
Reference Standard	ISO/IEC 61156-5; EN 50288-4		
Conductor	Material	SOLID-BARE Copper	
	Nom. O.D. (mm)	0.56	Up +0.005 Down -0.005
Insulation	Material	Skin-foam-skin PE	
	Diameter	1.33±0.05mm	
Color	1. White/Blue	2. White/Orange	
	3. White/Green	4. White/Brown	
Rip-cord	Yes	Drainwire	No
	Thickness	0.55±0.05 mm	
Sheath	External O.D	7.6±0.5mm	
	Surface	Clean, Frap, Satiation	
	Material	LSZH (RoHS Complied)	
	Color	TBD	
Surface Printing	Letter height	3.0±0.3mm	
	Color	Black	
	Print error & space	≤±0.5% 1m	
Packing	Drum		
Wooden tray dimension	According to the requirements		
Packaging length	500 m		
Sheath Physical Properties	Before Aging	Tersile Strength (Mpa)	≥10
		Elongation(%)	≥125
	Aging Period (°C X hrs)	100°C X 24h X 7d	
	After Aging	Tensile Strength (Mpa)	≥8.0
		Elongation(%)	≥100
	Cold Bend (-20°C ± 2°C x 4h)	No visible cracks	
Electrical Characteristics (20°C)	Impedance (Ω)	(1-100MHz)	100 ±15 Ω
		(100-250MHz)	100 ±18 Ω
		(250-600MHz)	100 ±25 Ω
	Delay Skew (ns/100m)	≤25	
	Velocity of propagation (%)	74	
	Unbalanced-to-ground capacitance(pf/100m) max	330	
	DC Resistance 20°C (Ω/100m) max	9.38	
	DC Conductor Resistance Unbalance (%)	max 5.0	

S-FTP cable 4x2xAWG23 Cat7 LSZH white



TECHNICAL PERFORMANCE (100M) (20°C)

	RL	ATT	NEXT	DELAY	PSNEXT	ELFEXT	PSELFEXT
(MHz)	≥dB	≤dB	≥dB	≤ns	≥dB	≥dB	≥dB
1	20.0	2.0	78.0	570.0	75.0	78.0	75.0
4.0	23.0	3.74	78.0	552.0	75.0	78.0	75.0
8.0	24.5	5.24	78.0	546.7	75.0	75.9	72.9
10.0	25.0	5.86	78.0	545.4	75.0	74.0	71.0
16.0	25.0	7.41	78.0	543.0	75.0	69.9	66.9
20.0	25.0	8.29	78.0	542.0	75.0	68.0	65.0
25.0	24.3	9.29	78.0	541.2	75.0	66.0	63.0
31.25	23.6	10.41	78.0	540.4	75.0	64.1	61.1
62.5	21.5	14.88	75.5	538.6	72.5	58.1	55.1
100	20.1	19.02	72.4	537.6	69.4	54.0	51.0
150	18.9	23.56	69.8	536.9	66.8	50.2	47.2
200	18.0	27.47	67.9	536.5	64.9	48.0	45.0
250	17.3	30.97	66.4	536.3	63.4	46.0	43.0
300	17.3	34.19	65.2	536.1	62.2	44.5	41.5
600	17.3	50.10	60.7	535.5	57.7	38.4	35.4

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