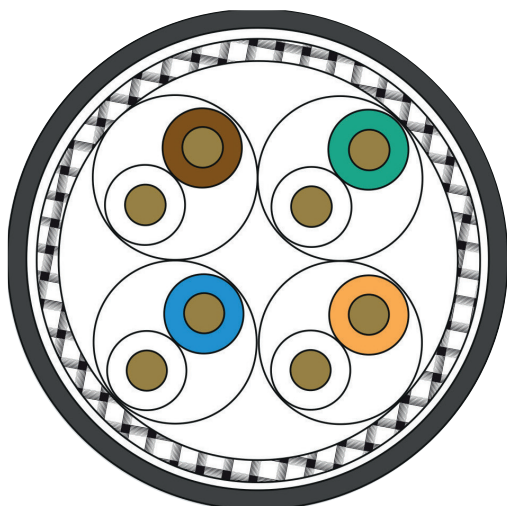


S-FTP cable 4x2xAWG23

Cat7a LSZH white

Item no.: LVN122508



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	7a S-FTP
Transmission speed	10Gbps
Frequency	1200 MHz
Impedance	100 +/- 15 Ohm
NVP value	74%
Number of pairs	4
Conductor	AWG23 solid copper
Conductor insulation	PE
Jacket material	LSZH
Cable color	White RAL 9003

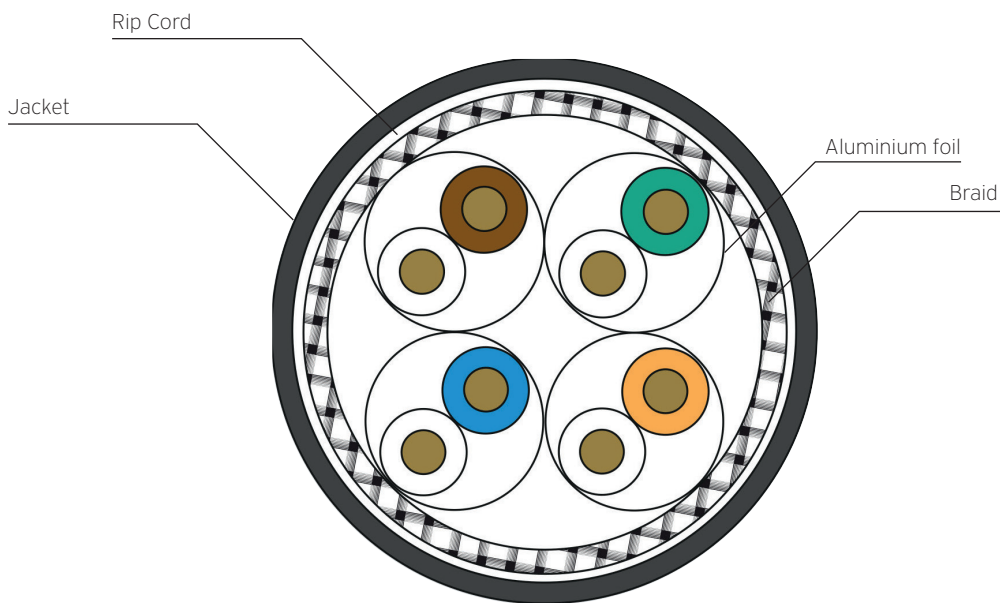
Shield	Individual shield and common braid shield
HD-Base T application	
Standards	EIA/TIA 568B, ISO/IEC11801, EN 50173-2
Meter marked	Yes
Packing	500 m reel



SPECIFICATIONS

Category	S/FTP-CAT7A-4P-LSZH-TC40		
Reference Standard	ISO/IEC 61156-5;EN 50288-4 ,YD/T1019		
Conductor	Material	SOLID-BARE Copper	
	Nom. O.D. (mm)	0.56	Up +0.005 Down -0.005
Insulation	Material	Skin-foam-skin PE	
	Diameter	1.353±0.05mm	
Inner Screening Material	Aluminum Foil	Drain wire	No
Outer Screening Material	Tinned copper 0.10mm	Coverage	≥40%
Color	1. White/Blue	2. White/Orange	
	3. White/Green	4. White/Brown	
Rip-cord	Yes		
Sheath	Thickness	0.55±0.05 mm	
	External O.D	7.8±0.5mm	
	Surface	Clean	
	Material	LSZH	
Surface Printing	Color	TBD	
	Letter height	3.0±0.3mm	
	Color	Black	
Packing	Print error & space	≤±0.5% 1m	
	Wooden Tray & Carton		
Wooden tray dimension	According to the requirements		
Packaging length	500 ±1.0 m		
Sheath Physical Properties	Before Aging	Tensile 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	9.5	
DC Conductor Resistance Unbalance (%)	max 2.0		

S-FTP cable 4x2xAWG23 Cat7a 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	16.8	34.19	65.2	536.1	62.2	44.5	41.5
600	14.7	50.10	60.7	535.5	57.7	38.4	35.4
1000	13.1	66.93	57.4	535.1	57.4	34.0	31.0

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