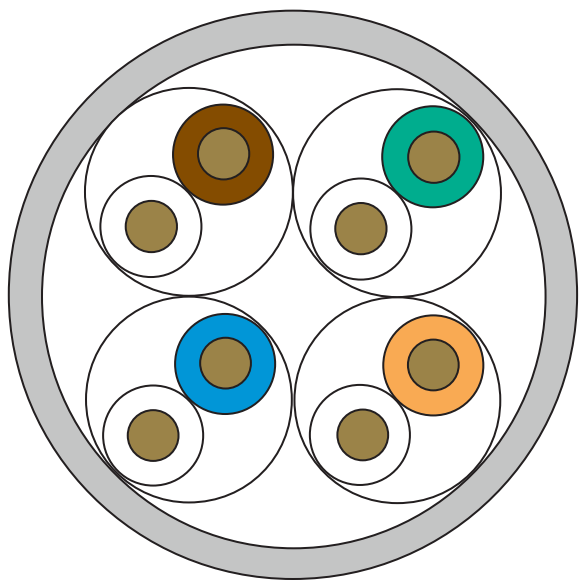


# U-FTP cable 4x2xAWG23

## Cat6A LSZH white

Item no.: LVN122430



### PRODUCT OVERVIEW

Used for high speed cabling systems where there is a need for large data traffic.

This type of cable has no overall shielding but the individual twisted pairs are wrapped in a foil screen, offering some protection from EMI and crosstalk from adjacent pairs and other cables.

### SPECIFICATIONS

<b>Category</b>	6a U/FTP
<b>Transmission speed</b>	10Gbps
<b>Frequency</b>	500 MHz
<b>Impedance</b>	100 +/- 15 Ohm
<b>NVP value</b>	74%
<b>EMC Class</b>	D
<b>Reaction-to-fire Class</b>	Eca
<b>Number of pairs</b>	4
<b>Conductor</b>	AWG23 solid copper
<b>Conductor insulation</b>	PE

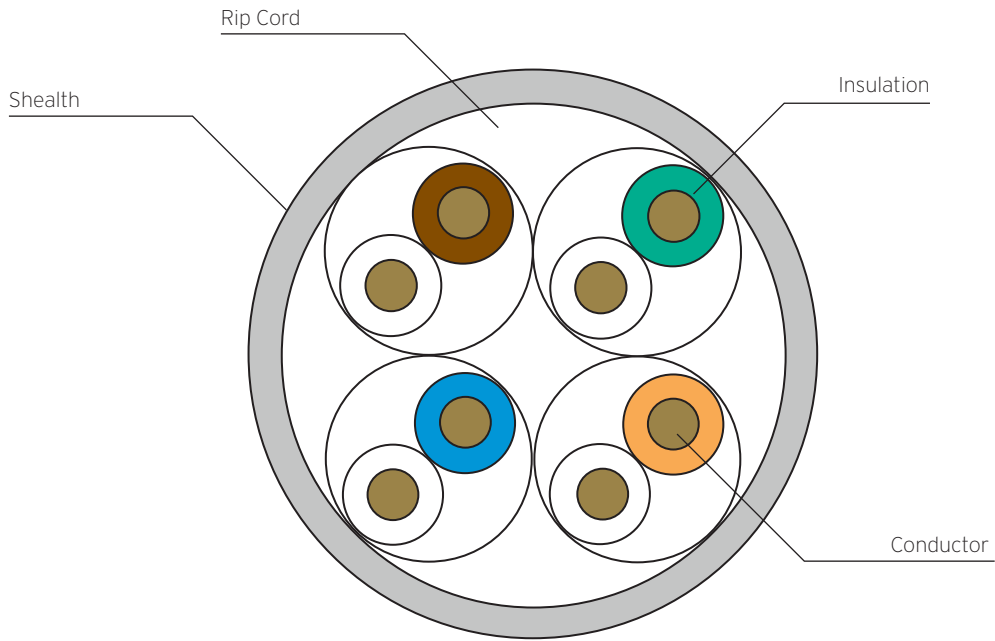
<b>Jacket material</b>	LSZH
<b>Cable color</b>	White
<b>HD-Base T application</b>	Yes
<b>Standards</b>	EIA/TIA 568B, ISO/IEC11801, EN 50173-2
<b>Meter marked</b>	Yes
<b>Packing</b>	500m reel packed



### SPECIFICATIONS

<b>Category</b>	U/FTP- CA T6A-4P-LSZH		
<b>Test Standard</b>	SO/IEC11801, TIA- 568-C.2, YD/T 1019		
<b>Conductor</b>	Material	SOLID-BARE Copper	
	Nom. O.D. (mm)	0.56 Up +0.005 Down -0.005	
<b>Insulation</b>	Material	HDPE	
	Diameter	0.88±0.03mm	
<b>Screening Material</b>	Aluminum Foil	Drain wire TC 0.45mm	
<b>Color</b>	A. White/Blue	B. White/Orange	
	C. White/Green	D. White/Brown	
<b>Rip-cord</b>	Yes		
<b>Sheath</b>	Thickness	0.50±0.05 mm	
	External O.D	7.3±0.5mm	
	Surface	Clean, Frap, Sations	
	Material	CM/LSZH(complies RoHS)	
	Color	Multiple	
<b>Surface Printing</b>	Letter height	3.0±0.3mm	
	Color	Black	
	Print error & space	≤±0.5% 1m	
<b>Packing</b>	Wooden Tray		
<b>Packaging length</b>	500 m		
<b>Sheath Physical Properties</b>	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	
<b>Electrical Characteristics (20°C)</b>	Delay Shew (ns/100m)	≥45	
	Velocity of Propagation (%)	68	
	unbalanced-to-ground capacitance (pf/1 00m)	max 330	
	DC Resistance (1/100m)	max 9.38	
	DC Conductor Resistance Unbalance (%)	max 2.0	

### F-UTP cable 4x2xAWG23 Cat6 LSZH white



**TECHNICAL PERFORMANCE (100M) (20°C)**

	RL	ATT	NEXT	DELAY	PSNEXT	ELFEXT	PSELFEXT
(MHz)	≥dB	≤dB	≥dB	≤ns	≥dB	≥dB	≥dB
<b>1</b>	20.0	2.0	65.3	570.0	72.3	68.0	65.0
<b>4.0</b>	23.0	4.1	56.3	552.0	63.3	56.0	53.0
<b>8.0</b>	24.5	5.8	51.8	546.7	58.8	49.9	46.9
<b>10.0</b>	25.0	6.5	50.3	545.4	57.3	48.0	45.0
<b>16.0</b>	25.0	8.2	47.2	543.0	54.2	43.9	40.9
<b>20.0</b>	25.0	9.3	45.8	542.1	52.8	42.0	39.0
<b>25.0</b>	24.3	10.4	44.3	541.2	51.3	40.0	37.0
<b>31.25</b>	23.6	11.7	42.9	540.4	49.9	38.1	35.1
<b>62.5</b>	21.5	17.0	38.4	538.6	45.4	32.1	29.1
<b>100</b>	20.1	22.0	35.3	537.6	42.3	28.0	25.0
<b>200</b>	18.0	27.6	39.8	536.5	37.8	22.0	19.0
<b>250</b>	17.3	31.1	38.3	536.3	36.3	20.0	17.0
<b>300</b>	16.8	34.3	37.1	536.1	35.1	18.5	15.5
<b>500</b>	15.2	45.3	33.8	535.6	31.8	14.0	11.0

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