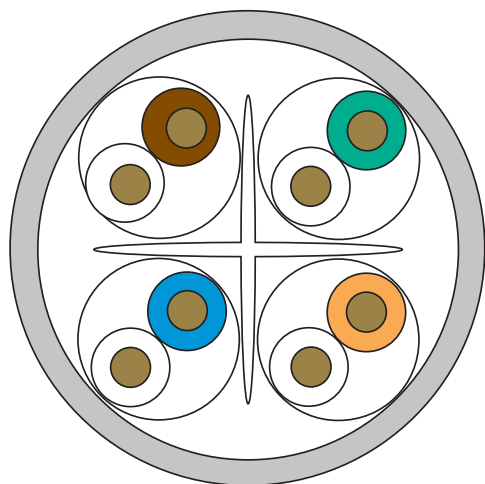


U-UTP cable 4x2xAWG23

Cat6 LSZH white

Item no.: LVN122112



PRODUCT OVERVIEW

Used in structured cabling systems. For transmission of telecommunications and high speed data.

SPECIFICATIONS

Category	6 U/UTP
Transmission speed	1Gbps
Frequency	250 Mhz
Impedance	100 +/- 15 Ohm
NVP value	69%
EMC Class	B
Reaction-to-fire Class	Eca
Number of pairs	4
Conductor	AWG23 solid copper
Conductor insulation	PE

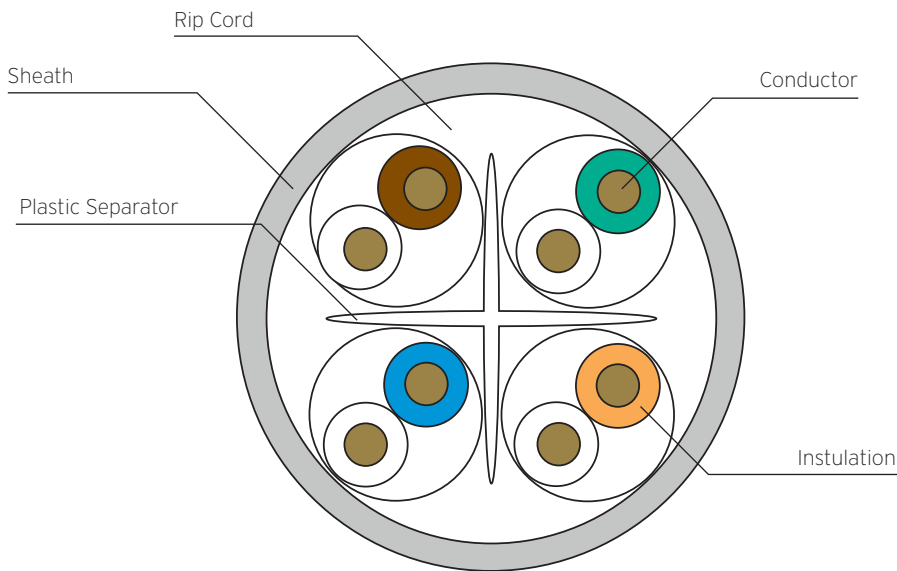
Jacket material	LSZH
Cable color	White
Standards	EIA/TIA 568B, ISO/IEC11801, EN 50173-2
Meter marked	Yes
Packing	305 m REELEX box



SPECIFICATIONS

Category	UTP/CAT6-4P-LSZH		
Test Standard	ISO/IEC-11801. TIA/EIA 568B YD/T 1019-2001		
Conductor	Material	SOLID-BARE Copper	
	Nom. O.D. (mm)	0.565	Up +0.005 Down -0.005
Insulation	Material	HDPE	
	Diameter	1.025±0.02mm	
Color	A. Blue, White-Blue	B. Orange, White-Orange	
	C. Green, White-Green	D. Brown, White-Brown	
Rip-cord	Yes	Drainwire	No
	Thickness	0.55±0.05 mm	
Sheath	External O.D	6.3±0.3mm	
	Surface	Clean, Frap, Satians	
	Material	CM/LSZH (complies RoHS)	
	Color	Multiple	
Surface Printing	Letter height	3.0±0.3mm	
	Color	Black	
	Print error & space	≤±0.5% 1m	
Packing	Carton, pallet		
Carton dimension	42*42*21cm		
Packaging length	305 m		
Sheath Physical Properties	Before Aging	Tersile Strength (Mpa)	≥13.5
		Elongation(%)	≥150
	Aging Period (°C X hrs)	100°C X 24h X 7d	
	After Aging	Tensile Strength (Mpa)	≥12.5
		Elongation(%)	≥125
Cold Bend (-20°C ± 2°C x 4h)	No visible cracks		
Electrical Characheristics (20°C)	1.0-100.0 MHz, Characteristic impeacance (Ω)	100 ±15	
	1.0-100.0 MHz, Delay Shew 20°C (ns/100m)	≥45	
	DC Resistance 20°C (Ω/100m) max	9.38	
	DC Conductor Resistance Unbalance (%)	max 25	
Plastic Separator	O.D 4.5mm		
Nom thickness	0.45mm (complies RoHS)		

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TECHNICAL PERFORMANCE (100M) (20°C)

	RL	ATT	NEXT	DELAY	PSNEXT	ELFEXT	PSELFEXT
(MHz)	≥dB	≤dB	≥dB	≤ns	≥dB	≥dB	≥dB
1	20.0	1.9	74.0	570.00	72.3	68.0	65.0
4.0	23.0	3.7	65.0	552.00	63.3	56.0	53.0
8.0	24.5	5.3	60.7	546.73	58.8	49.9	46.9
10.0	25.0	5.9	59.0	545.38	57.3	48.0	45.0
16.0	25.0	7.5	56.0	543.00	54.2	43.9	40.9
20.0	25.0	8.4	55.0	542.05	52.8	42.0	39.0
25.0	24.3	9.5	53.3	541.20	51.3	40.0	37.0
31.25	23.6	10.6	52.0	540.44	49.9	38.1	35.1
62.5	21.5	15.4	47.0	538.55	45.4	32.1	29.1
100	20.1	19.8	44.0	537.60	42.3	28.8	25.0
200	18.0	29.0	40.0	536.54	37.8	22.0	19.0
250	17.3	32.8	38.0	536.27	36.3	20.0	17.0

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