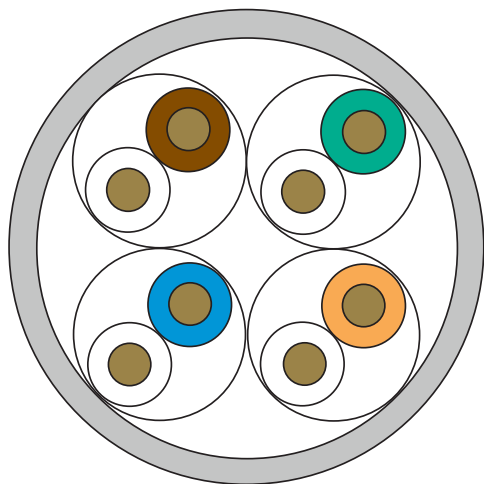


U-UTP cable 4x2xAWG24

Cat5e LSZH white

Item no.: LVN122014



PRODUCT OVERVIEW

Used in structured cabling systems. Conforms to the Category 5e networking standard and is ideally suited for indoor use, Fast Ethernet, voice, data, video and multimedia applications. This is currently the most common and basic method of cable construction, consisting of pairs of wires twisted together. There is no shielding, instead the symmetrical twist in the wires create a balanced transmission line, helping to reduce electrical noise and EMI.

SPECIFICATIONS

Category	5e U/UTP
Transmission speed	1Gbps
Frequency	100 Mhz
Impedance	100 +/- 15 Ohm
NVP value	69%
EMC Class	B
Reaction-to-fire Class	Eca
Number of pairs	4
Conductor	AWG24 solid copper
Conductor insulation	PE

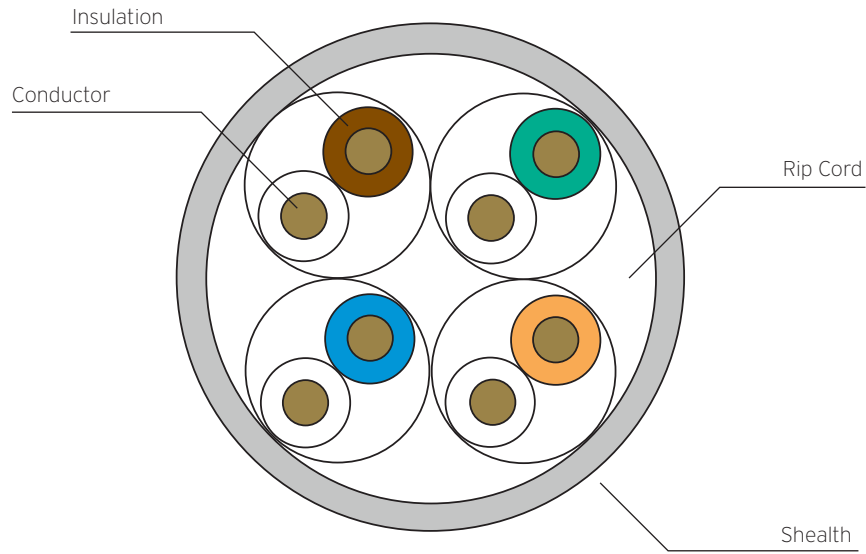
Jacket material	LSZH
Cable color	White
Standards	EIA/TIA 568B, ISO/IEC11801, EN 50173-2
Meter marked	Yes
Packing	305 m REELEX box



SPECIFICATIONS

Category	UTP/CAT5e-4P-LSZH		
Test Standard	ISO/IEC-11801. TIA/EIA 568B YD/T 1019-2001		
Conductor	Material	SOLID-BARE Copper	
	Nom. O.D. (mm)	0.50	Up +0.005 Down -0.005
Insulation	Material	HDPE	
	Diameter	0.88±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	0.50±0.05 mm	
Sheath	External O.D	5.0±0.3mm	
	Surface	Clean, Frap, Sations	
	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	35*35*20cm		
Packaging length	305 m		
Sheath Shysical 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	

U-UTP cable 4x2xAWG24 Cat5e 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	65.3	570.00	62.3	64.0	61.0
4.0	23.0	4.1	56.3	552.00	53.3	52.0	49.0
8.0	24.5	5.8	51.8	546.73	48.8	45.9	42.9
10.0	25.0	6.5	50.3	545.38	47.3	44.0	41.0
16.0	25.0	8.2	47.2	543.00	44.4	39.9	36.9
20.0	25.0	9.3	45.8	542.05	42.8	38.0	35.0
25.0	24.3	10.4	44.3	541.20	41.3	35.8	33.0
31.25	23.6	11.7	42.9	540.44	39.9	34.1	31.1
62.5	21.5	17.0	38.4	538.55	35.4	26.1	25.1
100	20.1	22.0	35.3	537.60	32.3	24.0	21.0

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