

TD-610UT-LB5

TD-610UT-LBR

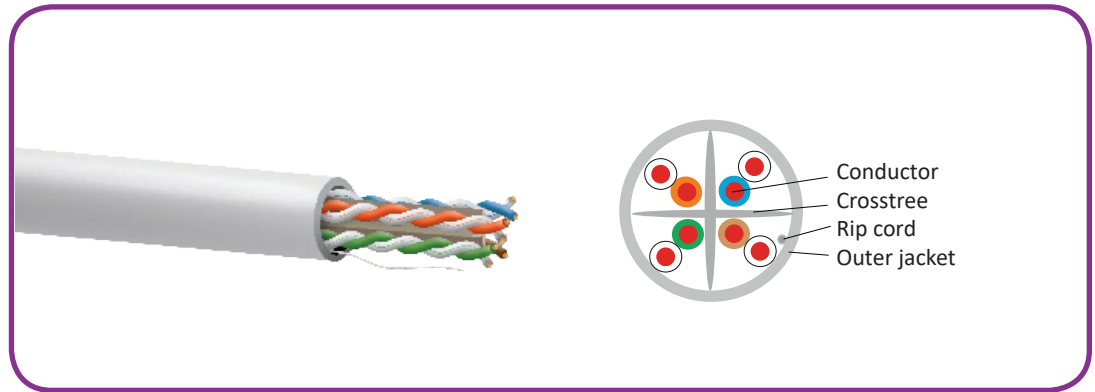
Lan cable Cat6 U/UTP which 24AWG twisted pair are made of BC (bare copper) Suitable for voice and data transmission up to 250MHz and a transmission rate of 1Gbps.

Keynet lan cable pass Fluke test up to 90 mts

Outer jacket of cable is round, shape and easy to cut and remove without any risk of damaging pairs. LSZH-FR allows its use indoor and public buildings installations

The cable is available in 500mts wooden drum or reel into carton box of 305mts. Cable rotates in the inner reel and leaves the box easily and straight. Box can be open to collect the leftover cable so it is always stored protected and clean









Lan cable Cat6 U/UTP BC 24AWG 250MHz LSZH-FR white



Technical specifications

Structural and mechanical characteristics	Construction		U/UTP
	Conductor	AWG	24 AWG
		Material	BC
	Insulation	Material	HDPE
		Diameter	1.035 ± 0.02mm
	Outer jacket	Thickness	0.55 ± 0.05mm
		Outer diameter	6.2 ± 0.3mm
		Material	LSZH-FR
		CPR	Eca
		Color	White RAL 9010
Crosstree	Yes		
Rip cord	Yes		

Electrical specifications	Frequency Range	1 - 250	MHz
	Impedance	100 ± 15	Ω
	Nom. Mutual Capacity	5.6	nF/100m
	Maximum capacity unbalanced	160	pF/100m
	DC Resistance (maximum)	9.8	Ω/100m
	Nominal Velocity of Propagation (NVP)	68	% v.l.
	Delay skew	≤ 45	ns/100m
	DC Conductor resistance unbalanced	≤ 2.5%	-

Color code	Pair 1	Blue		Blue-White	
	Pair 2	Orange		Orange-White	
	Pair 3	Green		Green-White	
	Pair 4	Brown		Brown-White	

Frequency (MHz)	Input impedance (Ohms)	RL (dB)	ATT (dB/100m) (dB/100m)	NEXT (dB/100m) (dB/100m)	PSNEXT (dB/100m) (dB/100m)	ELFEXT (dB/100m) (dB/100m)	PSELFEXT (dB/100m) (dB/100m)	Delay (ns/100m) (ns/100m)
1	100±15	20.0	1.9	74.0	72.3	68.0	65.0	570.0
4	100±15	23.0	3.7	65.0	63.3	56.0	53.0	552.0
8	100±15	24.5	5.3	60.7	58.8	49.9	46.9	546.7
10	100±15	25.0	5.9	59.0	57.3	48.0	45.0	545.4
16	100±15	25.0	7.5	56.0	54.2	43.9	40.9	543.0
20	100±15	25.0	8.4	55.0	52.8	42.0	39.0	542.0
25	100±15	24.3	9.5	53.3	51.3	40.0	37.0	541.2
31.25	100±15	23.6	10.6	52.0	49.9	38.1	35.1	540.4
62.5	100±15	21.5	15.4	47.0	45.4	32.1	29.1	538.6
100	100±15	20.1	19.8	44.0	42.3	28.0	25.0	537.6
200	100±15	18.0	29.0	40.0	37.8	22.0	19.0	536.5
250	100±15	17.3	32.8	38.0	36.3	20.0	17.0	536.3

Mechanical and environmental Specifications	Parameter	Value		Test
	Minimum bend radius (dynamic-installation)	mm	8 x Ø	IEC61156
	Flame propagation FR		✓	IEC60332-1-2
	Low smoke LS		✓	IEC61034-2
	Low zero halogen ZH		✓	IEC60754
	Construction Products Regulation CPR		Eca	EN50575:2014 inc A1-2016 EN60332-1-2:2004 incl A1-2015 EN13501-6:2014
	Storage Temperature	°C	-20 ~ 70	
	Laying Temperature	°C	-20 ~ 50	
	Operating temperature range	°C	-20 ~ 75	

References	TD-610UT-LB5	TD-610UT-LBR
Packing	Wooden drum 500 mts	Plastic reel + carton box 305 mts
Weight	kg 26,4	14,3 Kg



Normatives

EIA/TIA 568-C.2, ISO/IEC 11801:
EN 50173-1:2011, EN50288,
IEC60332-1-2, IEC60754,
IEC61034-2, IEC61156



RoHS
Compliant



Edition: 5 / October 2017

Features and specifications subject to change without notice.