

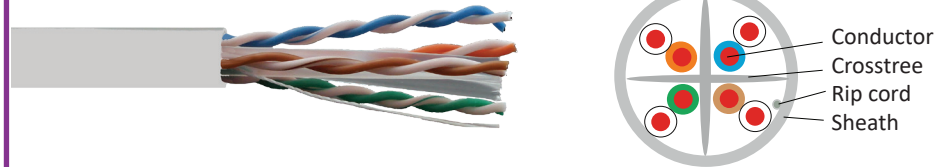
TD-610UT-LB5

TD-610UT-LBR

Four 23 AVG twisted pairs with crosstree. Optimal for transmission of voice, data and images to 250MHz and a speed of 1Gbps. Suitable for indoor laying, secondary wiring between patch panels and user outlets.

The sheath is easily removed and it is made of halogen-free material and fire retardant.

Cable Cat6 U/UTP BC 23AWG 250MHz LSZH-FR white



Technical specifications

Structural and mechanical characteristics	Construction		U/UTP
	Conductor	AWG	23 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
		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

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TD-610UT-LB

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		Method
	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
	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 reel 500 mts	Plastic reel + carton box 305 mts
Weight	kg	26,4	14,3 Kg



miniBox

265x325x335mm

Normative

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



RoHS
Compliant



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Features and specifications subject to change without notice.

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