

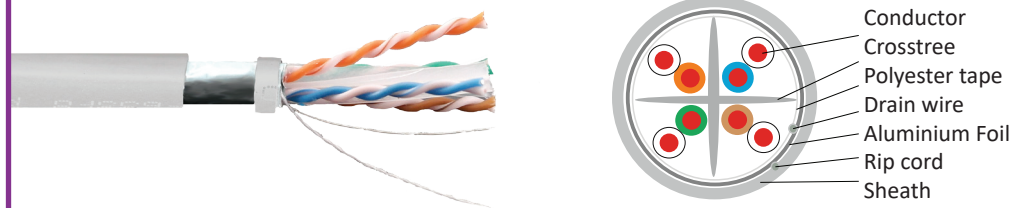
TD-600FU-LB5

TD-600FU-LBR

Four shielded 23 AWG twisted pairs with crosstree. Optimal for transmission of voice, data and images to 250MHz and a speed of 1Gbps. Suitable for indoor laying, horizontal or 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 F/UTP BC 23AWG 250MHz LSZH-FR White



Technical specifications

Structural and mechanical characteristics	Construction		F/UTP
	Conductor	AWG	23 AWG
		Material	BC
	Insulation	Material	HDPE
		Diameter	1.08 ± 0.02mm
	Outer jacket	Material	0.60 ± 0.05mm
		Thickness	7.4 ± 0.3mm
		Outer diameter	LSZH-FR
		Color	White RAL 9010
	Crosstree		Yes
Structural and mechanical characteristics	Rip cord		Yes
	Polyester tape		Yes
	Aluminium foil		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	≤ 5%	-
	Operating Temperature	-20~75	°C

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

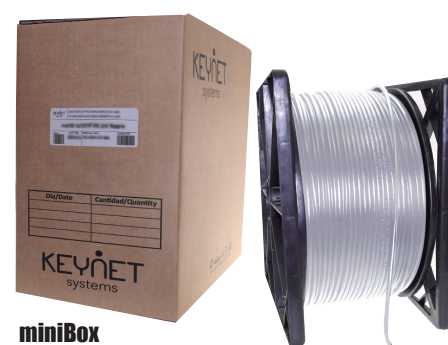
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Frequency (MHz)	Input impedance (Ohms)	RL (dB)	ATT (dB/100m) (dB/100m)	NEXT (dB/100m) (dB/100m)	PSNEXT (dB/100m) (dB/100m)	ELFEXT (dB/100m) (dB/100m)	PSELFEXT (dB/100m) (dB/100m)	Delay (ns/100m) (ns/100m)
1	100±15	20.0	1.9	74.0	72.3	68.0	65.0	570.0
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	48.8	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	41.3	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	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-600UT-LB5	TD-600UT-LBR
Packing	Wooden reel 500 mts	Plastic reel + carton box 305 mts
Weight	kg 30,57	19,3 Kg



330x385x395mm

Normative

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



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Features and specifications subject to change without notice.

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