

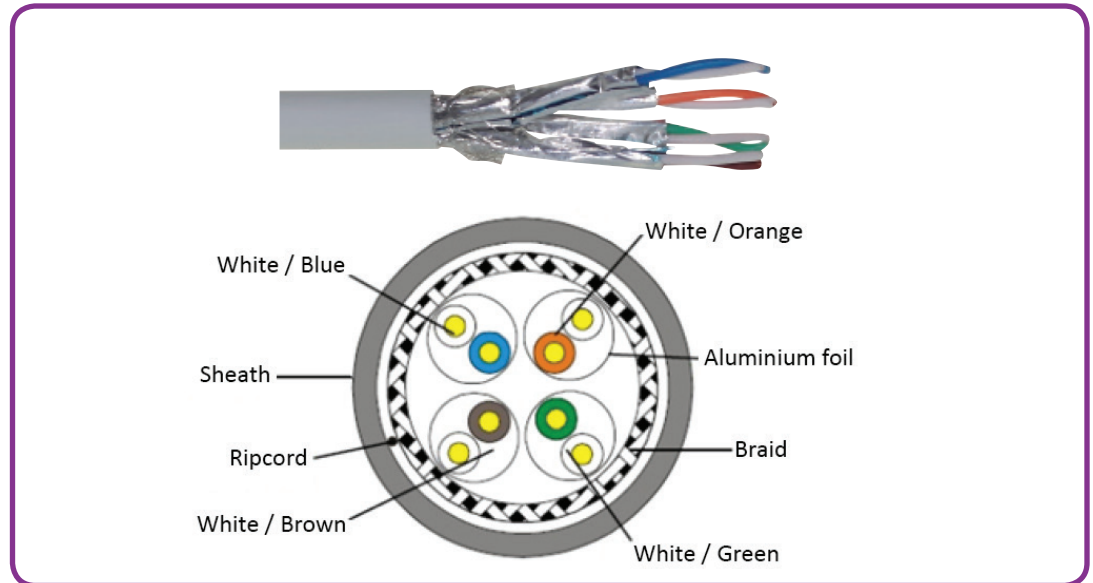
TD-630ASF-LB5

Four shielded 23 AWG twisted pairs.

Optimal for transmission of voice, data and images to 500MHz and a speed of 10Gbps. 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 Cat6A S/FTP BC 23AWG 500MHz LSZH-FR blanco



Technical specifications

Structural and mechanical characteristics	Construction		S/FTP
	Conductor	AWG	23 AWG - 0.56 ± 0.005mm
		Material	BC
	Insulation	Material	Skin-Foam-Skin PE
		Diameter	1.34 ± 0.05mm
	Outer jacket	Material	LSZH-FR
		Thickness	0.55 ± 0.05mm
		Outer diameter	7.7 ± 0.5mm
		Color	White RAL 9010
	Rip cord		Yes
	Braid		Tinned copper
	Minimum bending radius		8 x Ø OD
	Approximate weight		50 kg/km

Electrical specifications	Frequency Range		1 - 500	MHz
	Impedance		100 ± 15	Ω
	Nom. Mutual Capacity		5.6	@ 1kHz
	Maximum capacity unbalanced		≤330pF / 100m	pF/100m
	DC Resistance (maximum)		9.5 Ω/100m	@ 20°C
	Nominal Velocity of Propagation (NVP)		74	% v.l.
	Delay skew		≤ 25ns	ns/100m
	DC Conductor resistance unbalanced		≤ 2%	@ 20° C
	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)	NEXT (dB/100m)	PSNEXT (dB/100m)	ELFEXT (dB/100m)	PSELFEXT (dB/100m)	Delay (ns/100m)
1	100±15	20.0	2.1	74.3	72.3	68.0	65.0	570.0
4	100±15	23.0	3.8	65.3	63.3	56.0	53.0	552.0
8	100±15	24.5	5.3	60.8	58.8	49.9	46.9	546.7
10	100±15	25.0	5.9	59.3	57.3	48.0	45.0	545.4
16	100±15	25.0	7.5	56.2	54.2	43.9	40.9	543.0
20	100±15	25.0	8.4	54.8	52.8	42.0	39.0	542.1
25	100±15	24.3	9.4	53.3	51.3	40.0	37.0	541.2
31.25	100±15	23.6	10.5	51.9	49.9	38.1	35.1	540.4
62.5	100±15	21.5	15.0	47.4	45.4	32.1	29.1	538.6
100	100±22	20.1	19.1	44.3	42.3	28.0	25.0	537.6
200	100±18	18.0	27.6	39.8	37.8	22.0	19.0	536.5
250	100±18	17.3	31.1	38.3	36.3	20.0	17.0	536.3
300	100±18	16.8	34.3	37.1	35.1	18.5	15.5	536.1
500	100±25	15.2	45.3	33.8	31.8	14.0	11.0	535.6

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	

Packing	Wooden reel 500 mts	
Weight	kg	30,57



Normative

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



RoHS
Compliant

