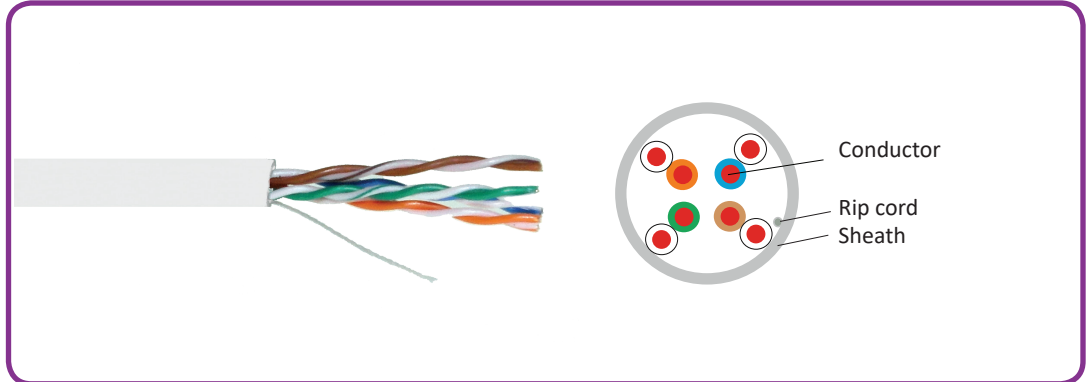


TD-522UT-BR

Four 24 AWG twisted pair cable. Optimal for the transmission of voice, data and images to 100MHz and 100Mbps.

Shetah made of PE-UV with high abrasion resistance and particularly suitable for outdoor installations, air or buried.

Cable Cat5E U/UTP BC 24AWG 100MHz PE-FR-UV white



Technical specifications

Structural and mechanical characteristics	Construction		U/UTP
	Conductor	AWG	24 AWG
		Material	BC
	Insulation	Material	HDPE
		Diameter	0.86 ± 0.05 mm
	Outer jacket	Material	PE-FR-UV exterior
		Thickness	0.60 ± 0.05 mm
		Outer diameter	5.2 ± 0.3 mm
		Color	White RAL 9010
	Rip cord		Yes

Electrical specifications	Frequency Range	1 - 100	MHz
	Impedance	100 ± 15	Ω
	Nom. Mutual Capacity	≤ 5.1	nF/100m
	Maximum capacity unbalanced	≤ 330	pF/100m
	DC Resistance (maximum)	9.5	Ω/100m
	Nominal Velocity of Propagation (NVP)	69	% v.l.
	Delay skew	≤ 45	ns/100m
	DC Conductor resistance unbalanced	≤ 5%	-
	Operating Temperature	-20~75	° C

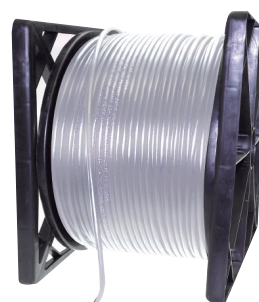
Color code	Pair 1	Blue	Blue-White
	Pair 2	Orange	Orange-White
	Pair 3	Green	Green-White
	Pair 4	Brown	Brown-White

TD-522UT-BR

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	2.0	65.3	62.3	64.0	61.0	570.0
4	100±15	23.0	4.1	56.3	53.3	52.0	49.0	552.0
8	100±15	24.5	5.8	51.8	48.8	45.9	42.9	546.7
10	100±15	25.0	6.5	50.3	47.3	44.0	41.0	545.4
16	100±15	25.0	8.2	47.2	44.4	49.9	36.9	543.0
20	100±15	25.0	9.3	45.8	42.8	38.0	35.0	542.0
25	100±15	24.3	10.4	44.3	41.3	35.8	33.0	541.2
31.25	100±15	23.6	11.7	42.9	39.9	34.1	31.1	540.4
62.5	100±15	21.5	17.0	38.4	35.4	28.1	25.1	538.6
100	100±22	20.1	22.0	35.3	32.3	24.0	21.0	537.6

Mechanical and environmental Specifications	Parameter	Value		Method
	Minimum bend radius (dynamic-installation)	mm	8 x Ø	IEC61156
	Flame propagation FR	✓		IEC60332-1-2
	Low zero halogen ZH	✓		IEC60754
	Operating temperature range	°C	-20 ~ 75	

Packing	Plastic reel + carton box 305 mts		
Weight	kg	10,30	



220x320x335mm

Normative

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



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Features and specifications subject to change without notice.

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