

High Quality Cat3 UTP Cable

Description:

TechLine CAT3 the ideal choice for LAN Transmission with specified bandwidth up to 16 MHz these cable are used for voice and data communications and handle application bandwidths up to 16 MHz Other uses for these cable include indoor use on customer premises for the interconnection of telephone key systems these cables exceed performance requirements specified by the TIA/EIA-568-B.2

Application:

- 4 Mbps token ring (IEEE 802.5)
- Analog voice
- 10 Mbps 10BASE-T Ethernet (IEEE 802.3)
- Telecommunications closet wiring

Standard:

TIA/EIA-568-B.2, UL 444, Flame retardant to IEC60332-1.



Construction Characteristics:

conductor	Material	Solid Bare Copper
	Size	24AWG X 2P
	Construction	1/0.505 ± 0.010
Insulation	Material	HDPE
	Nom. Thickness	0.18 mm
	Colors	Blue- White/Blue Orange-White/Orange
Jacket	Material	PVC
	Min. Thickness	0.55mm
	AVG. Thickness	0.60mm
	Rip Cord	Nylon
	Color	Per request

Electrical & Physical Characteristics:

Operating Temperature Range	-20 °C + 70° C
Conductor Resistance	Max 91.8 ohm/km at 20° C
Max. Operating voltage – UL	300 V RMS
DC Resistance Unbalance	Max 5 %
Characteristic Impedance	100 ± 15 0HM
Nominal Velocity of Propagation (%)	69 ~70
Nominal Delay	Max 1.5ns/FIT

Characteristics 100m @ 20 °C – 3 °C (68 °F – 5.5°F):

Frequency (MHz)	Insertion Loss (dB/100m)	NEXT (dB)
0.772	2.2	43
1	2.6	41.3
4	5.6	32.3
8	8.5	27.8
10	9.7	26.3
16	13.1	23.2

ORDERING INFORMATION:

TLC3U- X1-X2

				Length	
G	<i>Grey</i>	R	<i>Red</i>	Br	<i>Brown</i>
B	<i>Blue</i>	A	<i>Aqua</i>	Wh	<i>White</i>
Y	<i>Yellow</i>	G	<i>Green</i>	Bl	<i>Black</i>
O	<i>Orange</i>	N	<i>Navy Blue</i>	Cu	<i>Custom</i>
P	<i>Pink</i>	V	<i>Violet</i>		

please specify a number in meter

Note: Cable reel comes in a standard length of 305m or 500m