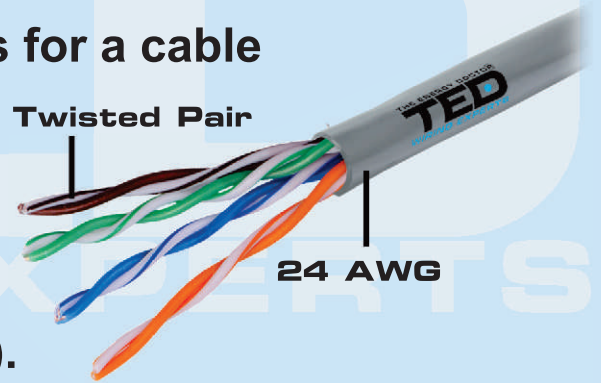


UTP CCA cat.5

For a maximum length of 60 meters for a cable segment, it can provides performance of up to 100 MHz and is suitable for 10BASE-T, 100BASE-TX (Fast Ethernet) and 1000BASE-T (Gigabit Ethernet).

CCA Twisted Pair



24 AWG

Cat.5 can be also used to carry other signals such as telephony and video.

Construction									
Conductor	4 x 2 x 0.5 mm CCA 24 AWG								
Insulation	0.7mm High Density Polyethylene								
Diameter Over Insulation	0.8 mm								
Nominal Outer Diameter	4.8 mm								
Mechanical Characteristics									
Sheath Tensile Strength	14 MPa								
Minimum Bending Radius	40 mm								
Normal Weight	29 kg/km								
Operating Temperature	-20°C +70°C								
Installation Temperature	-5°C +40°C								
Product Length	305m in Carton Box								
Electrical Performance									
Conductor Resistance	188 Ohms/km								
Transmission Frequency (MHz)	4	8	10	16	20	25	31.25	62.5	100
Attenuation (dB/100m)	8	11	13	16	18	21	23	34	45
Near End Crosstalk NEXT (dB/100m)	99	98	97	95	94	93	92	90	89
Powersum Near End Crosstalk PS NEXT (dB/100m)	98	97	96	94	93	92	91	89	88
Return Loss (dB/100m)	66	66	66	65	66	67	58	59	55
Equal Level Far End Crosstalk ELFEXT (dB/100m)	99	96	95	90	88	86	84	79	75
Powersum Equal Level Far End Crosstalk (dB/100m)	96	93	91	87	84	82	75	72	68
Characteristic Impedance (Ohms)	195+/-15								
Screw (ns/100m)	45								
Nominal Velocity of Propagation (%)	69								
Propagation Delay, max. 100 MHz (ns/100m)	930								
Coupling Attenuation at 30 MHz	99								

Due to continuous product improvements, program specifications are subject to change without notice

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