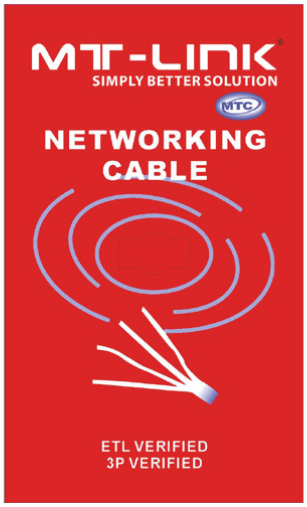


MT-C6116

Cat6 4 pair UTP Cable 8CCA (1000ft)

Spotlight

CAT6 4 pair 8CCA cable

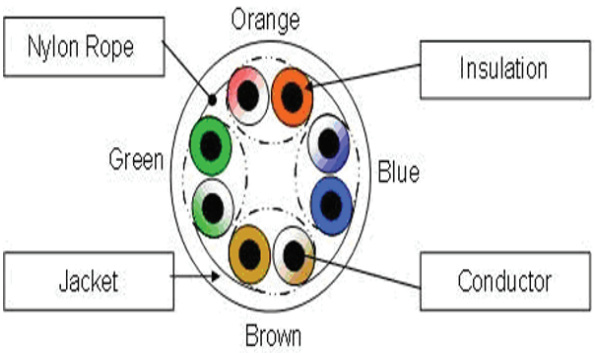
Unshielded Twisted Pair (UTP)

23AWG conductors

PVC or LSZH jacket (Blue)

Supplied in 305m box

Conductor diameter 0.57mm (UTP)



Frequency Chart

Frequency	Att.	Pr-Pr	PS	Prop.	Delay	Return Loss	Pr-Pr	PS
MHz	Solid	NEXT	NEXT	Delay ns	Skew ns		ELFEXT	ELFEXT
1	2.0	65.3	62.3	538.5	45	20.0	63.8	60.8
10	5.9	50.3	47.3	545.0	45	25.0	43.8	40.8
16	8.0	47.3	44.4	539.9	45	25.0	39.7	36.7
20	9.2	45.8	42.8	540.2	45	25.0	37.7	34.7
25	10.6	44.4	41.3	540.8	45	24.3	35.8	32.8
31.25	11.7	42.9	39.9	541.4	45	23.6	33.9	30.9
62.5	17.0	38.4	35.4	542.5	45	21.5	27.8	24.8
100	22.0	35.3	32.3	543.0	45	20.1	23.8	20.8

Specifications:

Conductor 0.51mm 4CCA + 4CCS AWG24
Insulation HDPE(CMI-75E)
Min. Avg. Thickness: 0.178 mm
Min. Thickness: 0.153 mm
Color Code Pair 1: Blue & White/Blue
Pair 2: Orange & White/Orange
Pair 3: Green & White/Green
Pair 4: Brown & White/Brown
Jacket 75°C PVC Compound (CMI-80S)
Min. Avg. Thickness: 0.585 mm
Min. Thickness: 0.458 mm
Approximate O.D.: 5.2 mm +/- 0.3mm
Electric Requirements (Cable length: 100M) Characteristic Impedance (Zo): (Zo): 85115 (1?100 MHz)
Other Requirements: (dB/100M)
DC. Resistance Capacitance Unbalance: 5%
Pair-to-Ground Capacitance Unbalance: 330 pF/100M Max
Conductor Resistance: 9.38/ 100M 20 Max
Mutual Capacitance: 5.6 nF/m Max
Spark Test: 2.5KV
Nominal Velocity of Propagation (NVP): 69%

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