



Catagory 5e UTP LAN Cable

Description:

0.51 mm Bare Copper, Polyethylene Insulated, Twisted 4 Pair as per TIA/EIA 568 B.2, Outer PVC Jacket, Grey.

Physical Characteristics:

Conductor:	
Number of Pairs	4
Total Number of Conductors	8
AWG	24
SWG	25
Stranding	Solid
Conductor Diameter	0.51 mm
Conductor Material	BC - Bare Copper
Insulation:	
Insulation Material	Polyethylene
Insulation Diameter	0.90 mm
Pair Colour Code:	
Pair No. 1	Blue/White-Blue Stripe
Pair No. 2	Orange/White-Orange Stripe
Pair No. 3	Green/White-Green Stripe
Pair No. 4	Brown/White-Brown Stripe
Outer Jacket:	
Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Thickness	0.55 mm
Outer Jacket Diameter	5.0 mm
Mechanical Characteristics:	
Operating Temperature Range	-10° C To +70° C
Bulk Cable Weight	36.380 Kg./Km
Min. Bend Radius (Install)	75 mm
Electrical Characteristics:	
Nom. Characteristic Impedance	100 ohms \pm 15 ohms
Nom. Mutual Capacitance @1KHz.	42.64 pF/Mtr.
Nominal Velocity of Propagation	70 %
Nom. Conductor DC Resistance @ 20° C	93.40 ohms/Km

Nominal Attenuation @ 20° C

Frequency in Mhz.	1	4	8	10	16	20	25	31.25	62.5	100
Attenuation in dB/100 M	2	4.1	5.8	6.5	8.2	9.3	10.4	11.7	17	22

Item	Description	Packing Length	Packing Weight	Jacket Colour
2202	Cat-5e UTP LAN Cable	305 Mtrs.	11.396 Kg.	Grey