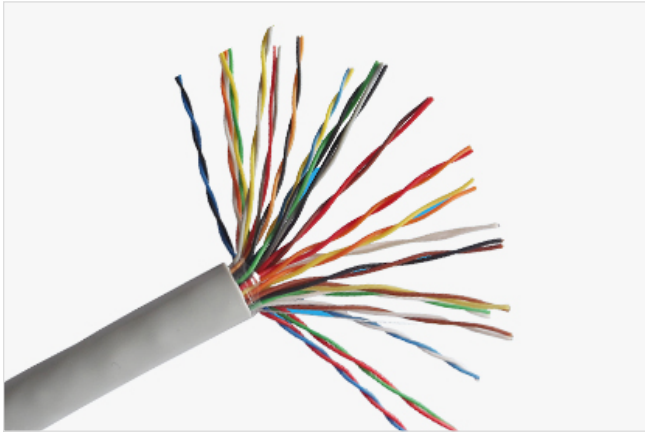


PVC INDOOR TELECOM



PVC indoor Telecom cables are used for indoor wiring application and other multiline insulation. These cables are based on Pakistan Telecommunication Company Limited specification.

CABLE CONSTRUCTION

CONDUCTOR:

- ♦ Fully annealed high quality solid copper conductor size 0.4mm, 0.5mm and 0.6mm.

INSULATION:

- ♦ Colour high Molecular Weight solid high Density Polyethylene

COLOUR CODING:

- ♦ Cables are fully colour coded in accordance with PIC even count colour code.

PAIRING:

- ♦ Two coloured insulated conductor are uniformly twisted together to form pair. The twisted length being specially designed to minimize the cross talk and capacitance unbalance.

SHIELD:

- ♦ Aluminum Foil Shielding (OPTIONAL)

SHEATHING:

- ♦ High Quality PVC Compound

Physical Dimension

Conductor Diameter		0.6mm	
Number of Pairs	Outer Diameter mm	Nominal Weight Kg / KM (Approx)	Standard Length Meters
1	3.38	18.73	1000
2	4.68	32.73	1000
3	5.28	42.73	1000
4	5.80	47.91	1000
5	6.24	62.23	1000
6	6.65	71.75	1000
8	7.36	90.14	1000
10	8.03	108.33	1000
20	8.49	185.70	1000
30	12.39	279.29	1000
50	15.92	462.43	1000
100	20.60	867.00	1000

Electrical Characteristics

Conductor	0.6mm
Conductor Resistance at 20 °C (Ω/KM)	63 Ω/Km
Mutual Capacitance at 100 Hz (nF/Km)	52 nF +3
Maximum Average	25nF
Maximum Individual	100 nF
Capacitance Unbalance (pF300M) (Pair-Pair)	5000 MΩ
High Voltage Test (Conductor-Conductor)	3.6 KV DC
Cross Talk Coupling Loss at 150 KHz	73 dB
Attenuation (dB/Km) 1 KHz	1.04 dB