



Multi Pair Indoor Cables



A. APPLICATION

Designed to use in ducts. Cables having 0.5 mm. Conductor diameter are used for distribution network, cables having 0.9 mm. conductor diameter are used for long distance network.

B. CONSTRUCTION

1. Conductor

Solid annealed copper having the diameter of 0.5 mm. (if customer needs, tin coated copper can be used).

2. Insulation

Colour coded polyvinylchloride (PVC).

3. Cable Assembly

Quads, each having special lay length to minimize the crosstalk and capacitance unbalance, are assembled into cable core.

4. Core Covering

A non-hygroscopic dielectric plastic tape having suitable overlap is applied longitudinally or helically over the cable core.

5. Outer Jacket (Sheath)

Polyvinylchloride (PVC) is extruded over the core covering (Aluminium foil can be used).

6. Identification Tape

A suitable tape, durably marked with the manufacturer's name, year of manufacture and type of cable, is placed under the core covering. Alternatively, these details may be printed on the outside of jacket.

7. Length Marking

Sequentially numbered length markings are located at alternate 1 meter intervals on the outside of the jacket.

Conductor diameter in mm	Number of pairs	Overall diameter in mm	Approx net weight(Kg/Km)	Drum length(m)
0.5	10	9.8	114	1000
0.5	20	13.0	191	1000
0.5	30	14.4	255	1000
0.5	50	17.0	381	1000
0.5	100	22.9	708	1000

0.6	10	10.4	137	1000
0.6	20	13.9	235	1000
0.6	30	15.5	318	1000
0.6	50	18.4	482	1000
0.6	100	24.7	905	1000