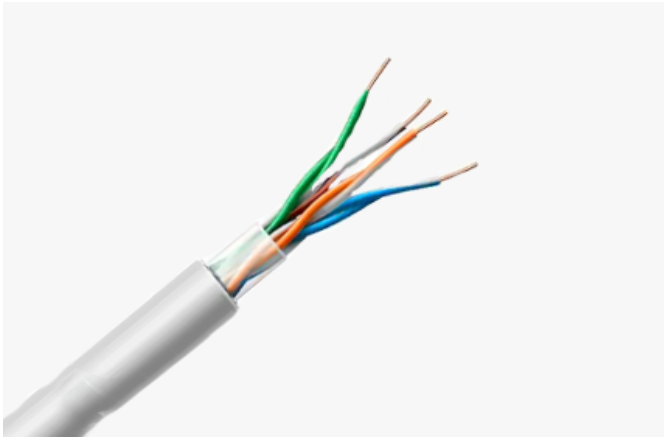


2 PAIR LEAD-IN CABLE



Lead In Cable 2 Pair is used between the terminal box and the customer's premises. These cables are based on Pakistan Telecommunication Company Limited specification.

CABLE CONSTRUCTION

CONDUCTOR:

- ♦ Fully annealed high quality solid copper conductor size 0.6mm

INSULATION:

- ♦ Colour high Molecular Weight solid high Density Polyethylene compound

COLOUR CODING:

- ♦ The insulated conductors, twisted together into colour coded pair: Blue, White & Green, Black.

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.

INNER SHEATH:

- ♦ Inner Sheath of Polyethylene is used to fill up spaces between insulated conductors for the purpose of water blocking and give the core a round cross section.

ARMOURING:

- ♦ The armouring shall consist of Aluminum Tape.

OUTER SHEATH:

- ♦ Block High Molecular Weight Low Density Polyethylene Compound

IDENTIFICATION:

- ♦ The manufacturer's Name year of Manufacturing and cable size shall be printed on the outer sheath of cable with Length Marking.

Physical Dimension

Conductor		0.6mm	
Number of Pairs	Outer Diameter mm	Nominal Weight Kg / KM (Approx)	Standard Length Meters
2	2	2	2

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
Capacitance Unbalance (pF/300M) (Pair-Pair)	45 nF+3
	Maximum Average
	25nF
	Maximum Individual
	100 nF
Insulation Resistance at 500 v DC (MΩ-Km)	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