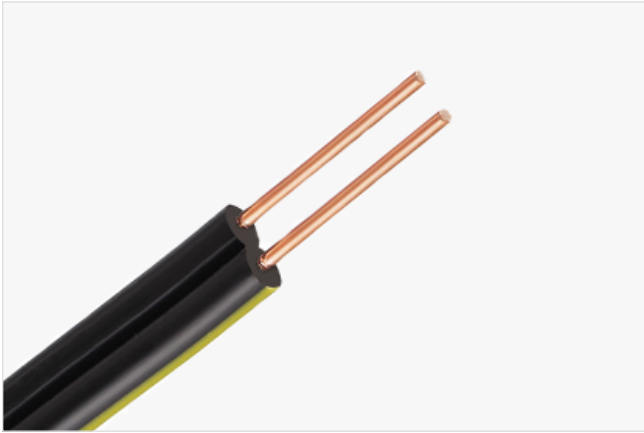


## DROP WIRE



Drop wire is used for the connection between distribution box (DP) and terminal box in the customer's premises, this cable is based on Pakistan Telecommunication Company Limited specification.

## CABLE CONSTRUCTION

Two conductors forming a pair running in parallel shall be insulated with weather resistant, black High Density Solid Polyethylene (HDPE) extruded in figure below.

### CONDUCTOR:

- Copper Pirated Steel Wire, Size 1.00 MM

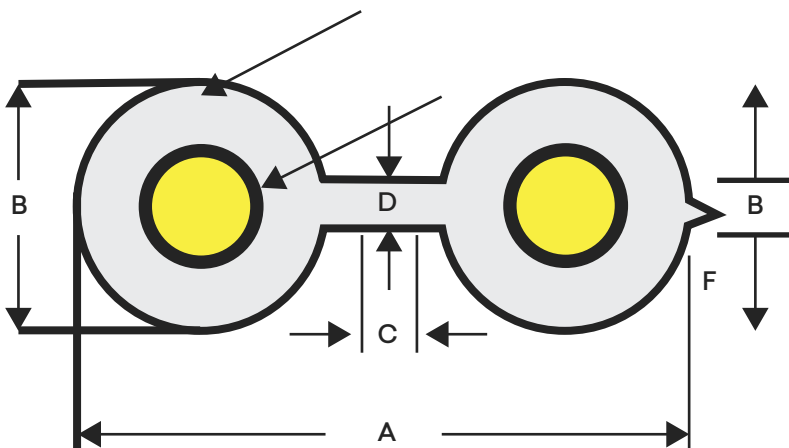
### INSULATION:

- High Density Polyethylene.

### PACKING:

- Coli/Length 500 meters and maximum weight 12.75 Kgs per coil.

## P.E INSULATION CONDUCTOR



## Physical Dimension

Conductor Diameter mm	Thickness of Insulation mm	A mm	B mm	C mm	D mm	E mm	F mm
1.00	1.00	6.4	3.0	0.4	0.5	0.6	0.6

## Electric Characteristics

Copper Plated Steel Wire Diameter (mm)	1.00 mm
Tolerance ±	(+0.02mm), (-0.01mm)
Conductor Resistance at 20 °C ( Ω / Km)	70 Ω
Resistance Unbalance	5 %
Mutual Capacitance at 1000 ± 2000 Hz (nF / Km)	
Dry Drop Wire (In Air)	≤ 35 nF / Km
Wet Drop Wire (In Air)	≤ 50 nF / Km
Insulation Resistance at 500 v DC ( MΩ km )	
Maximum	5000 MΩ
Maximum	10 GΩ
High Voltage Test DC KV	
Between Conductors	10 KV
Insulation Integrity 50 to 60 Hz	1.5 KV
Maximum Attenuation Value 1000 ± 2000 Hz	
for Dry Wire (in Air)	1.05 dB / km
Wet Wire (in Air)	1.29 dB / km