

Telecommunication cables



Annealed bare/tinned high conductivity copper. PVC/PE/Cellular PE insulated. Insulated cores twisted to form a pair. Pairs laid up in sub-units/units in concentric layers. Taped. Overall PVC sheathed. Individual and or overall shielding with Aluminium-Mylar tape/copper tape/lapping/braiding provided depending upon the requirement. Armouring provided with an extruded inner PVC/PE sheath and overall sheath of PVC/PE wherever required.

Application :

For telephone switching Exchanges, Switch board & telephone wiring (MDF, SDH, DWDM, DSLAM etc.,). Pulse code modulation systems. RS-232 Communication Systems and Digital Transmission networks.

TELECOMMUNICATION

Standard Specification :

DOT (GWIR 06/02) / C-DOT/ VDE:0815, 0816 /IEc:189 / IS:5608
Customer Standards like Alcatel, Siemens, Lucent, Fujitsu etc.,

Characteristics :

- Suitable for operation at voltage of 250 Volts.
- Cable suitable for conductor operating temperature 70 o C, 85 o C & 105 o C shall be provided on request.
- UL approved cables available in CMP, CMR & CMX types

Delivery Lengths :

250-500-1000 meters. Other lengths upon request

Special Properties :

Fire Retardant/Fire Retardant Low Smoke/Zero Halogen Low Smoke & Sheath material shall be supplied on request.

Technical Data Sheet

No of pairs	Conductor size (mm)	Insulation thickness nominal (mm)	Dia over insulation (mm)	Sheath thickness minimum (mm)	Overall dia approx (mm)
2 Pair	0.4	0.25	0.9	0.50	3.5
4 pair	0.4	0.25	0.9	0.65	5.5
8 Pair	0.4	0.25	0.9	0.65	7.0
16 Pair	0.4	0.25	0.9	0.75	9.5
24 Pair	0.4	0.25	0.9	0.75	11.0
32 Pair	0.4	0.25	0.9	0.75	12.5
32 Pair	0.5	0.25	1.0	0.75	13.0
53 Pair	0.4	0.25	0.9	1.10	16.0
102 Pair	0.4	0.25	0.9	1.40	22.5
128 Pair	0.4	0.25	0.9	1.40	26.0
128 Pair	0.5	0.25	1.0	1.40	27.0
204 Pair	0.4	0.25	0.9	1.80	31.0

Identification

Pair color in each unit of 8 pairs	Color binder tape for each unit of 8 pairs	Color binder tape for each bundle of 4 units of 8 pairs
	Unit 1 :	Bundle 1 :
	Unit 2 :	Bundle 2 :
	Unit 3 :	Bundle 3 :
	Unit 4 :	Bundle 4 :