

ALUMINIUM ROUND CABLE

UNARMoured ALUMINIUM ROUND CABLE CABLES UP TO 1100 V



APPLICATION

"OPILEX" Aluminum Round Cables is useful for giving electrical connection from main line to house, commercial complex, factories or any building.

FEATURES

- Highly robust, tough PVC is used for sheathing that is resistant to adverse weather conditions.
- Excellent Mechanical & Electrical Properties.
- Excellent Abrasion Resistance
- Wide Temperature range - 15C° to 70° C.
- Giving long life and electrical safety.

CONDUCTOR

Highly Tensile H2/H4 grade Solid/ Stranded Aluminium, conductor as per Class 1/ Class 2 of IS:8130/1984 respectively.

SHEATH

A Complete sheathing that protects the conductors with excellent resistance to adverse weather conditions. PVC Type ST1 as per IS:8130/1984.

INSULATION

High Grad PVC insulation to protect most resistance to cable's SHEATHING & CONDUCTORS. It is also helpful give flexibility & hardness to Cable.PVC Type A as per IS:5831/1984, cores laid side by side.

Conductor		PVC Insulation		PVC Sheath			Current Rating At 40°C	Max. D/C Resistance @ 20°C
Nominal Area Of Conductor.	Conductor Construction	Nominal Insulation Thickness.	Approx Core Dia..	Nominal Thickness.	Max. Overall Dimension			
Sq.mm	Nos. / mm	mm	mm	mm	Height.	Width.	Amps	Ω / Km
2.5	1/1.78	0.7	3.3	1	6.4	10	18	12.1
4	1/2.25	0.8	3.8	1	7.2	11.5	23	7.41
6	1/2.76	0.8	4.5	1.1	8	13	30	4.61
10	1/3.57	1	5.5	1.2	9.6	16	40	3.08