

ROUND CABLE

APPLICATIONS :

For continuous use in deep well to supply power to submersible motors for the depth upto 500 mtrs.

- Irrigation
- Offshore Drilling ring
- Mine De-wettering
- Drinking water-supply
- Sewage Treatment Plant
- Industries
- See Water Handling
- Mine De-watering
- Fire Fighting

SPECIAL FEATURES :

- Excellent resistant to moisture, abrasion, greace, oil.
- Excellent mechanical & electrical Properties.
- Generally Conforming to : CENELEC HD 21, IEC 60227, BS 6500, DIN VDE 0281, IS 694.
- Temperature range - 20°C to + 90°C

STANDARD LENGTH CABLE PACKING :

- Coils 100, 200, 500, 1000mtr in Wooden Reels

CORE COLOURS :

• 3Core

Red, Yellow, Blue OR Brown, Blue, Black

• 4Core

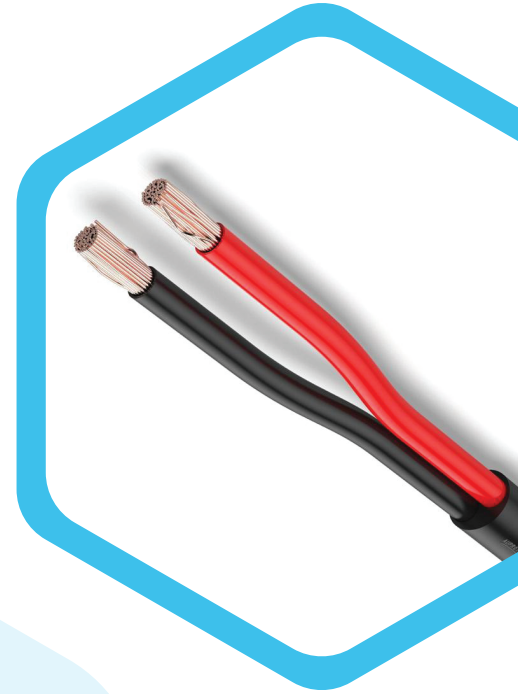
Red, Yellow, Blue, Green OR Brown, Blue, Black, Yellow with Green line OR Green with Yellow line
(Any other Colour on specific request can also be supplied)

TECHNICAL DATA

- Operating Temp. : Type A :- 20°C to max. + 90°C
- Nominal Voltage : 1100V
- Test Voltage : 3000V
- Min. Bending Radius : 7x cable diameter
- Flame Propagation : Flame retardant test per IEC 60332-1
- Insulation resistance : Min. 10 MQ x km

NOTE :

- The number of wires is approximate and wire diameter is nominal; they shall be such as to satisfy the requirements of conductor resistance of ICE 60228 DIN VDE 0295 / IS 8130 / BS 6360
- In view of continuous Improvements in our design & and process, specifications given here in are subject change without notice.



NOMINAL CROSS SECTIONAL AREA OF CONDUCTO	Number/Nominal dia of strands	NOMINAL INSULATION THICKNESS	Nominal Sheath Thickness/ mm	Max. Overall Diameter in mm	Max. conductor resistance at 20°C	Current Rating
sq.mm	mm.	mm.	2 Core	2 Core	ohms / km	AMPS
0.50	16/0.20	0.60	0.90	7.30	39.00	6
0.75	24/0.20	0.60	0.90	7.70	26.00	9
1.00	32/0.20	0.60	0.90	8.10	19.50	14
1.50	30/0.25	0.60	0.90	9.40	13.30	18
2.50	50/0.25	0.70	1.00	10.80	7.98	24
4.00	56/0.30	0.80	1.00	12.40	4.95	32
6.00	84/0.30	0.80	1.20	13.80	3.30	33
10.00	140/0.30	1.00	1.40	17.69	1.91	45
16.00	224/0.30	1.00	1.40	20.60	1.21	60
25.00	350/0.30	1.20	1.50	29.30	0.78	75
35.00	490/0.30	1.20	1.60	34.60	0.554	95
50.00	703/0.30	1.40	2.00	39.60	0.386	125