

4 CORE SUBMERSIBLE PUMP CABLE

APPLICATIONS :

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

mtrs.

- Irrigation • Mine De-wetting
- Drinking water-supply • Sewage Treatment Plant
- Industries • See Water Handling

SPECIAL FEATURES :

- Excellent resistant to moisture, abrasion, grease, 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 Rells.

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 +90°C | ST 1 & 2 :- 20°C to + 90°C

Nominal Voltage : 1100V

Test Voltage : 2500V

Min. Bending Radius : 6x cable diameter



PVC 3 & 4 Core Flat Cable for Submersible Pumps (1100 Volts) :

Conductor		Rubber Insulation	4 Core		Conductor Resistance at 20°C(Max)
Nominal Size in	Nos. & Dia of Wire		Rubber Sheath	Approx Overall Dia.	
		Nominal Thickness	Nominal Thickness		
sq.mm	Nos./mm	mm	mm	mm	ohms / km
1.50	22/0.30	0.80	1.70	11.20	12.10
2.50	36/0.30	0.90	1.90	13.00	7.41
4.00	56/0.30	1.00	2.00	14.90	4.95
6.00	84/0.30	1.00	2.30	17.50	3.30
10.00	140/0.30	1.20	3.40	22.60	1.91
16.00	224/0.30	1.20	3.60	27.10	1.21
25.00	350/0.30	1.40	4.10	32.70	0.780
35.00	490/0.30	1.40	4.40	36.20	0.554