

indo plast Flat Cables for Submersible Pump

Submersible Flat Cables (Three Core) voltage grade 1100V, conforming to IS : 694-1990

Technical Data

Nominal area of conductor	Construction Size & Item	Thickness of PVC Insulation (Nom)	PVC Outer e Sheath (Non)	Max Resistance per km at 20 ⁰ C	Approx. Overall Dimension (WxH)	Current Carrying Capacity at 40 ⁰ C
Sq.mm.	No./Wires	mm.	mm.	Ohms	mm.	Amp.
1.5	22/.3	0.8	1.2	12.10	11.9 x 5.5	14
2.5	36/.3	0.9	1.2	7.41	13.85 x 6.15	18
4.0	56/.3	1.0	1.2	4.95	15.8 x 6.8	26
6.0	84/.3	1.0	1.2	3.30	17.3 x 7.3	31
10.0	140/.3	1.0	1.4	1.91	20.5 x 8.7	42
16.0	226/.3	1.0	1.4	1.21	23.65 x 9.75	57
25.0	354/.3	1.2	2.0	0.78	30 x 12.65	72
35.0	495/.3	1.2	2.0	0.554	33.7 x 13.9	90
50.0	703/.3	1.4	2.2	0.386	40.7 x 16.5	115
70.0	360/.3	1.4	2.2	0.272	45.5 x 18.1	143
95.0	475/.3	1.6	2.4	0.206	52.2 x 20.6	165

Submersible Flat Cable are available in standard length of 100 meters coil and 500 meters drum. The Flat Cables are made of bright plain multi strand annealed copper conductor as per IS 8130-1984 with PVC Insulation

Core Colour : Red, Yellow, Blue
Sheath Colour : Black

Note :

The number of wire and strand diameters will be such as to satisfy the requirement of conductor resistance as per IS 8130 : 1984

