



XLPE 3 CORE Submersible Flat Cable

Cable Standard

IS:7098

- Conductor ▶ Bare Bunch Copper IS:8130
 Insulation ▶ Cross Linked Polyethylene (XLPE) insulation.
 Outer Sheath ▶ Heat Resistant, PVC Types ST2

Technical Data

- Operating Temp ▶ -10°C to max. +90°C
 Nominal Voltage ▶ 1.1 KV
 Test Voltage ▶ 3.0 KV
 Min. Bending Radius ▶ 6 x cable diameter

Core Colour

- As Per IEC:60227 - Black, Blue, Brown
 As Per IS:694:2010 - Red, Yellow, Blue

Silent Features

- High Flexibility
- Excellent resistant to moisture, abrasion, grace, oil
- Long Life
- Excellent mechanical & electrical properties
- Excellent resistant to HVDC and water immersion test.
- Cut & Scratch proof BLUE sheathing
- Higher short circuit rating, it can withstand up to 250°C
- Superior Tensile strength and Greater Elongation

Standard Packing

Coils 100, 200, 300, 500, 1000 m

Application

Ideal for Irrigation Pumps, Drinking Water Supply Pumps, Submersible Pump Motor Power Supply, Mines Dewatering, Irrigation, Agriculture, In most Industries, Sewage Treatment Plants, Fountains, Aquarium, Open tube well etc.

Conductor		Insulation		Sheath			Conductor Resistance at 20°C (max)	Current Rating at 40°C
Size of Cable	No. of Wire/ Size of Wire	Thickness	Core OD	Thickness	Overall Size			
					Thickness	Width		
Sq. mm	Nos./ mm	mm	mm	mm	mm	mm	Ω/km	Amps.
1.5	22/0.30	0.8	3.25	1.15	6.0	12.8	12.1	20
2.5	36/0.30	0.9	3.84	1.15	6.4	14.6	7.41	30
4.0	56/0.30	1.0	4.5	1.15	7.4	16.8	4.95	37
6.0	84/0.30	1.0	5.3	1.15	7.9	18.7	3.30	46
10.0	140/0.30	1.0	6.5	1.4	9.9	23.7	1.91	66
16.0	224/0.30	1.0	8.0	1.4	11.4	28.0	1.21	85
25.0	350/0.30	1.2	10.1	2.0	14.7	35.5	0.780	113
35.0	490/0.30	1.2	11.3	2.0	16.2	39.5	0.554	139
50.0	703/0.30	1.4	13.6	2.2	18.3	45.5	0.386	156

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