

3 CORE SUBMERSIBLE FLATE CABLE

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Submersible Flat Cable

Cable Standard

BS 6500, IS 694 2010

Conductor : Bare Burch Copper IS:8130

Insulation : PVC As Per IS:5831

Outer Sheath : PVC As Per IS:5831

Standard Packing

Coils 100, 200, 300, 500, 1000 m

Silent Features

- High Flexibility
- Excellent resistant to moisture, abrasion, grace & oil
- Long Life
- Excellent Mechanical & Electrical properties.

Application

Ideal for irrigation Pumps, Drinking Water Supply Pumps, Submersible Pump Motor Power Supply.

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

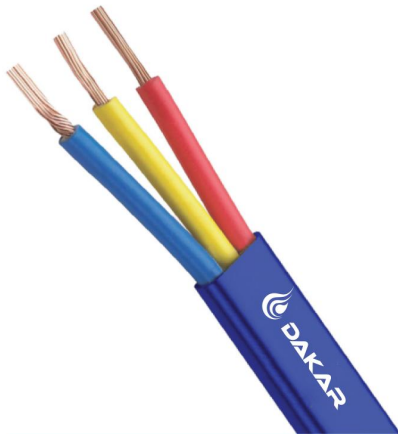
Core Colour

As Per IS:694:2010 - Red, Yellow, Blue

As Per IFC:60277 - Black, Blue, Brown

Conductor		Insulation		Sheath			Conductor Resistance at 20° C (max) / km	Current Rating at 40° C Amps.
Size of Cable Sq. mm	No. of Wire / Size of Wire Nos./mm	Thickness mm	Core OD mm	Thickness mm	Overall Size			
					Thickness mm	Width mm		
1.5	22/0.30	0.8	3.25	1.15	6.0	12.8	12.1	14
2.5	36/0.30	0.9	3.84	1.15	6.4	14.6	7.41	18
4.0	56/0.30	1.0	4.5	1.15	7.4	16.8	4.95	26
6.0	84/0.30	1.0	5.3	1.15	7.9	18.7	3.30	31
10.0	140/0.30	1.0	6.5	1.4	9.9	23.7	1.91	42
16.0	224/0.30	1.0	8.0	1.4	11.4	28.0	1.21	57
25.0	350/0.30	1.2	10.1	2.0	14.7	35.5	0.780	72
35.0	490/0.30	1.2	11.3	2.0	16.2	39.5	0.554	90
50.0	703/0.30	1.4	13.6	2.2	18.3	45.5	0.386	115
70.0	988/0.30	1.4	15.3	2.2	20.0	51.0	0.272	143
95.0	1349/0.30	1.6	18.0	2.4	23.5	60.0	0.206	165

- The number of wires is approximate and wire diameter is nominal.
- They shall be such as to satisfy the requirements of conductor resistance as per Class 5 of IEC 60228 / DIN VDE0295 / IS 8130 / BS 6360



DAKAR

SUBMERSIBLE PUMPSETS

3 CORE SUBMERSIBLE FLATE CABLE

3 CORE

Rubber Submersible Flat Cable

Cable Standard

DIN VDE 0281 part 810,
IEC 245 & BS 6007, BS 6899

Conductor : Bare Burch Copper IS:8130
Insulation : EPR Rubber
Outer Sheath : EPR Rubber

Standard Packing

Coils 100, 200, 300, 500, 1000 m

Silent Features

- Temp range -40° C to +90° C
- Exceptional long term performance
- Excellent Impact Resistant
- Excellent Weather Resistant

Application

Ideal for irrigation Pumps, Drinking Water Supply Pumps,
Submersible Pump Motor Power Supply.

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, Light Blue, Brown
As Per IS:694:2010 - Red, Yellow, Blue

Conductor		Insulation		Sheath			Conductor Resistance at 20° C (max) / km	Current Rating at 40° C Amps.
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		
1.5	22/0.30	0.8	3.25	1.15	6.0	12.8	12.1	14
2.5	36/0.30	0.9	3.84	1.15	6.4	14.6	7.41	18
4.0	56/0.30	1.0	4.5	1.15	7.4	16.8	4.95	26
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25.0	350/0.30	1.2	10.1	2.0	14.7	35.5	0.780	72
35.0	490/0.30	1.2	11.3	2.0	16.2	39.5	0.554	90
50.0	703/0.30	1.4	13.6	2.2	18.3	45.5	0.386	115
70.0	988/0.30	1.4	15.3	2.2	20.0	51.0	0.272	143
95.0	1349/0.30	1.6	18.0	2.4	23.5	60.0	0.206	165

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- In view of continuous improvements in our design and process, specifications given here in are subject change without notice.