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ALGO CABLES
CONNECTING TECHNOLOGIES

Safe & Efficient

Submersible Cables

• Pure EC Grade Copper • 99.95% Copper Purity • 100% Virgin PVC

India's Most Flexible Cable

Algo Cables always drive innovation to meet the changing and developing energy needs of our society and growing infrastructure today, tomorrow and into the future for an all-in-one service.

AN ISO 9001 COMPANY



Safe & Efficient

Submersible Cables

Applications: Power Supply to,
• Submersible Pumpsets • Building and Construction • Industries • Machinery and Control Systems

Features:

- Conforming to IS 694: 2010
- Excellent resistant to moisture, abrasion, grease, oil
- Excellent mechanical & electrical properties
- Generally conforming to : CENELEC HD 21, IEC 60227, UL-83, BS 6500, DIN VDE 0281, IS 694: 2010
- Temperature range -15°C to +70°C

3 Core PVC Flat Cable as per IS 694:2010

Size	Nos. & Dia of Wire	Nom. Insu. Thickness	Nom. Sheath Thickness	Core Dia.	Cable Outer Dimension		Resistance at 20°C (max)	Current Rating at 40° C
					Height	Width		
sq.mm	nos. / mm	mm	mm	mm	mm	mm	ohm/km	Amps
0.50	16 / 0.2	0.60	0.90	2.20	4.3	8.9	39.00	4
0.75	24 / 0.2	0.60	0.90	2.45	4.5	9.5	26.00	7
1.00	32 / 0.2	0.60	0.90	2.70	4.7	10.2	19.50	12
1.50	22 / 0.3	0.60	0.90	2.80	4.9	10.5	12.10	14
2.50	36 / 0.3	0.70	1.00	3.50	5.7	12.6	7.41	18
4.00	56 / 0.3	0.80	1.00	4.10	6.6	14.8	4.95	26
6.00	84 / 0.3	0.80	1.10	5.10	7.4	17.7	3.30	31
10.00	140 / 0.3	1.00	1.40	6.30	9.3	22.3	1.91	42
16.00	224 / 0.3	1.00	1.40	7.50	10.8	26.3	1.21	57
25.00	350 / 0.3	1.20	2.00	10.10	14.7	35.5	0.78	72
35.00	490 / 0.3	1.20	2.00	11.30	16.8	39.5	0.554	90
50.00	703 / 0.3	1.40	2.20	13.50	18.0	45.5	0.386	115
70.00	988 / 0.3	1.40	2.20	15.30	20.0	51.0	0.272	143
95.00	1349 / 0.3	1.60	2.40	18.00	23.5	60.0	0.206	165

Note

The number of wires and diameter mentioned in the table are approximate and nominal; however they shall meet the requirements of conductor resistance as per IS 8130. In view of continuous improvements in our design and process, the information, Dimensions and specifications given herein are subject to change without notice.

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