

Submersible PVC Flat Cable - 3Core as per IS 694

Conductor		PVC Insulation		PVC Sheath			Conductor Resistance @ 20° C (Max.)	Current Rating at 40°C
Nominal Area in	Nos. & Dia. of wire	Nominal Thickness	Core Dia	Nominal Thickness	Approx. Overall Dimensions			
			mm (Nom.)		Thickness	Width		
Sq. mm.	Nos./mm	mm	mm	mm	mm	mm	Ohm/km	Amps.
1.5	22/0.30	0.60	2.90	0.90	5.20	11.30	12.10	16
2.5	36/0.30	0.70	3.50	1.00	6.20	13.30	7.41	22
4	56/0.30	0.80	4.20	1.00	7.00	15.60	4.95	29
6	84/0.30	0.80	5.20	1.40	8.00	18.50	3.30	37
10	80/0.40	1.00	6.50	1.60	9.30	22.50	1.91	51
16	126/0.40	1.00	8.00	1.80	11.60	27.50	1.21	68
25	196/0.40	1.20	9.80	2.20	14.20	35.00	0.780	86
35	276/0.40	1.20	10.90	2.20	15.30	37.00	0.554	110
50	396/0.40	1.40	13.20	2.40	18.00	44.00	0.386	145

Note :

Insulation thickness, Sheath thickness and Overall Dimensions given in this table are nominal values. The strand diameter is nominal. However, Construction of the conductor is designed to the requirement of conductor resistance as per IS 8130 :1984.

Cores colour: Core Identification	
Color coding	As per IS 694
3 Core	Red, Yellow, Blue

Date : 20-8-2017/Rev:00