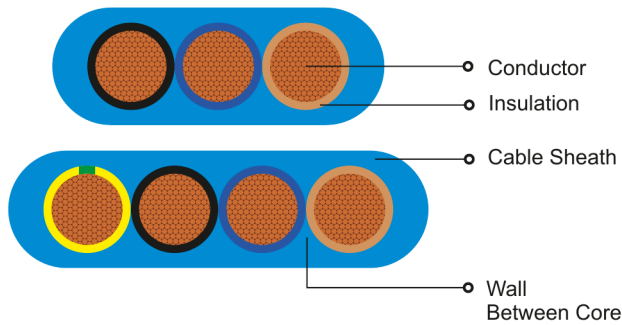




Cable Standard

IS : 694 : 2010, BS 6500, IEC 60227

Salient Features

- Excellent Flexibility
- Excellent resistant to moisture, abrasion grace, oil
- Long Life
- Excellent mechanical & electrical properties

Technical Data

Working Temp : Max.+70°C

Nominal Voltage : 1.1 KV

Test Voltage : 3.0 KV

Min. Bending Radius : 6 X Cable Diameter

Standard Packing

Coils 100, 200, 300, 500, 1000m.

Conductor : Flexible Bare Bunch Copper as per IS:8130

Insulation : PVC / XLPE / EPR RUBBER

Outer Sheath : PVC / EPR RUBBER

Core Colour

As per IS: 694:2010 - 3C-Red, Yellow, Blue, 4C-Red, Yellow, Blue, Black

As per IEC:60227 - 3C-Black, Blue, Brown, 4C - Black, Blue, Brown, Green or Yellow/Green

Application

Ideal For Irrigation Pumps, Drinking Water Supply Pumps, Submersible pump motor power supply.

Conductor		Insulation		Sheath		Conductor Resistance at 20°C (max)	Current Rating At Ambient Temperature
Size of Cable	No. of Wire/Size of Wire	Thickness	Core OD	Thickness	Overall Size		
Sq.mm	Nos.mm	Nos.mm	mm	mm	3 Core	4 Core	
					mm	mm	Ω/km.
1.0	14/0.30	0.60	2.60	0.90	9.90×4.70	12.50×4.80	18.1
1.5	22/0.30	0.60	2.80	0.90	10.50×4.80	14.20×5.10	12.1
2.5	36/0.30	0.70	3.35	1.0	12.60×5.90	17.50×7.0	7.41
4.0	56/0.30	0.80	4.0	1.0	14.50×6.70	20.0×7.90	4.95
6.0	84/0.30	0.80	5.0	1.0	17.50×7.50	23.50×9.0	3.30
10.0	140/0.30	1.0	6.5	1.40	22.80×9.90	29.0×9.90	1.91
16.0	224/0.30	1.0	8.0	1.40	28.0×13.0	36.0×11.40	1.21
25.0	350/0.30	1.20	10.0	2.0	24.50×14.80	45.0×14.70	0.780
35.0	490/0.30	1.20	11.50	2.0	38.0×17.0	50.0×16.20	0.554
50.0	700/0.30	1.40	13.50	2.20	46.0×20.50	58.0×18.30	0.386
70.0	980/0.30	1.40	15.3	2.20	53.0×23.0	66.5×20.0	0.272
95.0	1330/0.30	1.60	18.0	2.40	60.0×28.0	77.3×23.50	0.206



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