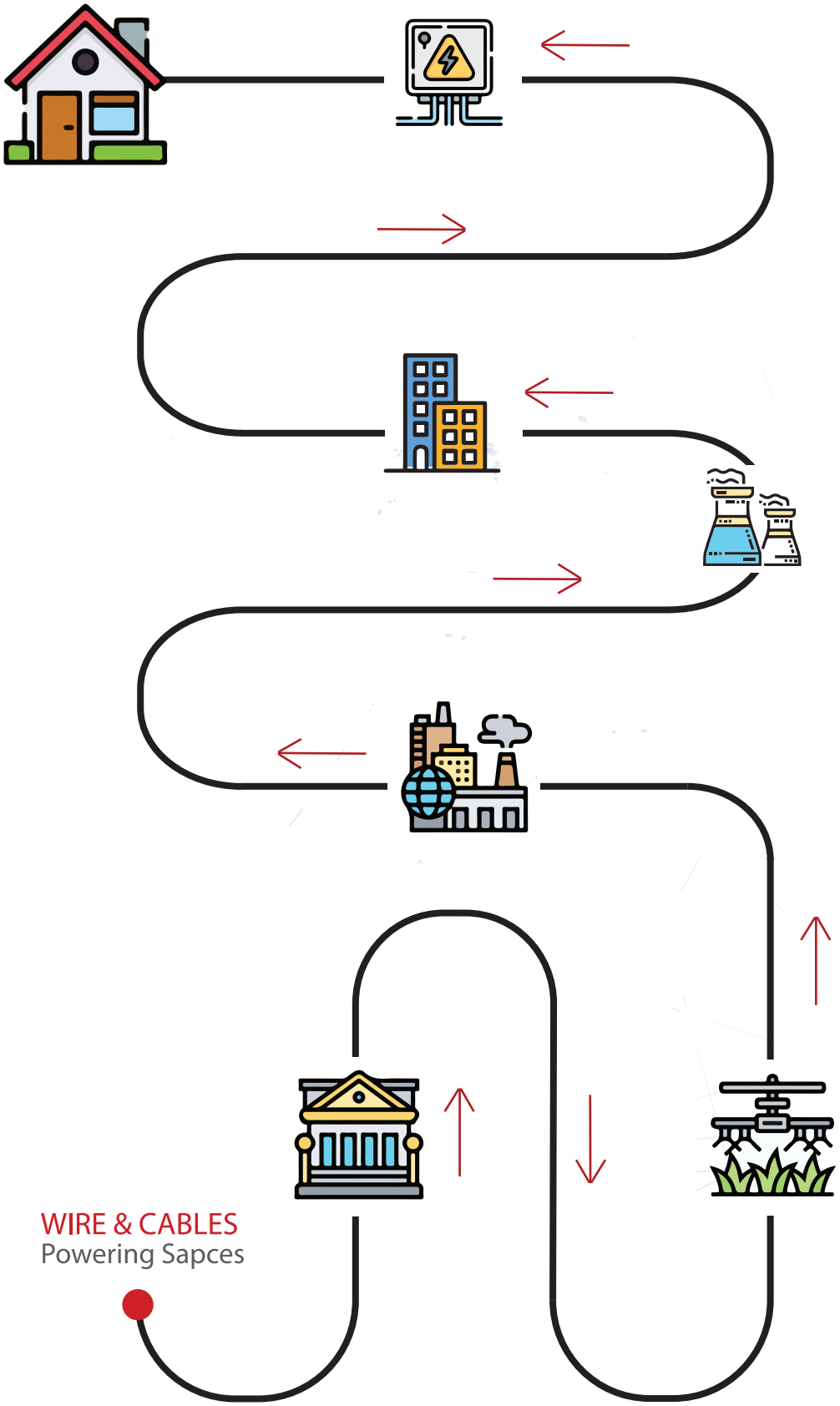
ROLSON®
WIRES & CABLES

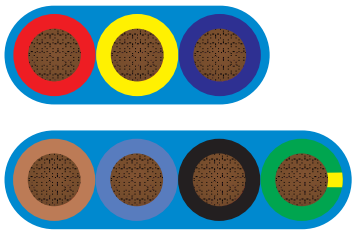
Product Catalogue



ROLSON®
WIRES & CABLES

IS : 694
CM/L - 7500269814

3 & 4 CORE
PVC SUBMERSIBLE FLAT CABLE





Cable Standard

IS 694:2010, BS 6500, IEC 60227

Silent Features

- Excellent flexibility
- Excellent resistant to moisture, abrasion, grease, 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 As Per IS:5831

Outer Sheath : PVC As Per IS:5831

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			
					3 Core	4 Core		
Sq.mm	Nos.mm	Nos.mm	mm	mm	mm	mm	Ω/km.	Amps.
1.0	14/0.30	0.60	2.60	0.90	9.90 x 4.70	12.50 x 4.80	18.1	11
1.5	22/0.30	0.60	2.80	0.90	10.50 x 4.80	14.20 x 5.10	12.1	14
2.5	36/0.30	0.70	3.35	1.0	12.60 x 5.90	17.50 x 7.0	7.41	18
4.0	56/0.30	0.80	4.0	1.0	14.50 x 6.70	20.0 x 7.90	4.95	26
6.0	84/0.30	0.80	5.0	1.0	17.50 x 7.50	23.50 x 9.0	3.30	31
10.0	140/0.30	1.0	6.5	1.40	22.80 x 9.90	29.0 x 9.90	1.91	52
16.0	224/0.30	1.0	8.0	1.40	28.0 x 13.0	36.0 x 11.40	1.21	70
25.0	350/0.30	1.20	10.0	2.0	24.50 x 14.80	45.0 x 14.70	0.780	88
35.0	490/0.30	1.20	11.50	2.0	38.0 x 17.0	50.0 x 16.20	0.554	112
50.0	700/0.30	1.40	13.50	2.20	46.0 x 20.50	58.0 x 18.30	0.386	146
70.0	980/0.30	1.40	15.3	2.20	53.0 x 23.0	66.5 x 20.0	0.272	190
95.0	1330/0.30	1.60	18.0	2.40	60.0 x 28.0	77.3 x 23.50	0.206	225

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 standards.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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WIRES & CABLES

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