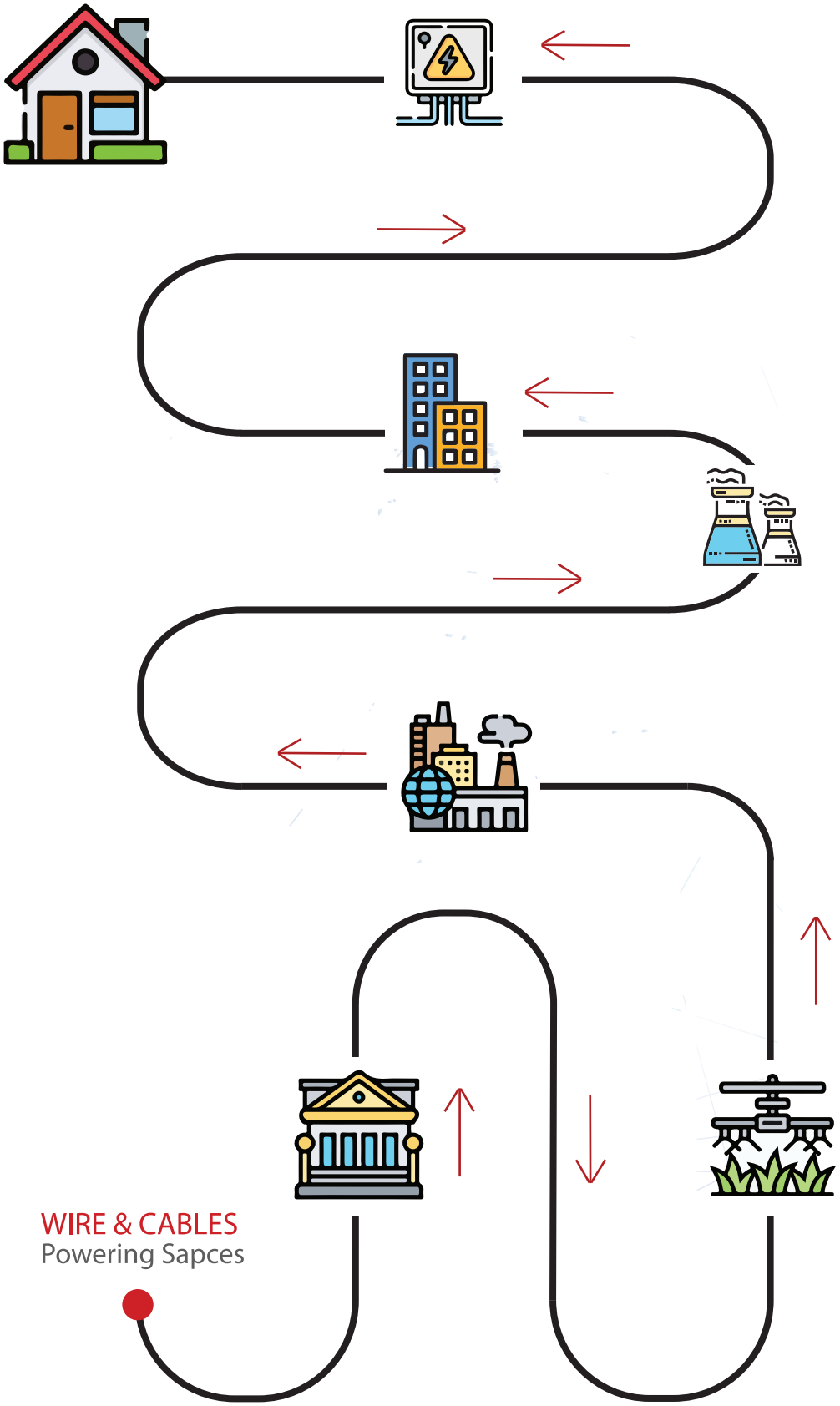
ROLSON®
WIRES & CABLES

Product Catalogue



ROLSON®
WIRES & CABLES

IS : 694
CM/L - 7500269814

INSTRUMENTATION CABLES

SHIELDED/BRAIDED



Cable Standard

BS:5308 (172) IEC – 189 (1&2)

Silent Features

- Wear & Tear Resistance
- Long Life
- Easy to Cable Slitting
- Fire Resistance

Technical Data

Working Temp : 70°C / 90°C / 105°C as per Insulation

Nominal Voltage : 300/500 V

Application

To Transmit signals from Field Instruments to Control Penal with No. disturbance.
–A.C. drive application

Standard Packing

Coils 100, 200, 500 & 1000m

Conductor : Annealed Plain Bare Copper or Tinned Copper As per IEC 60228

Insulation : PVC/ XLPE/ PE/ LSZH/ EPR

Sheath : PVC/ Rubber/ LSZH/ FRLS

Type : Armoured or Unarmoured.

Elements : Insulated core/Pairs / Tried / Quads Colour / multi core cable number marking on core

Shields : Aluminum mylar tape screen with tinned copper drain wire individual shielding or Overall Shielding

Braiding : Tinned copper braiding as per requirement

Size of Cable	No. of Wire /Max. Strand Diameter	Max. DC Conductor Resistance* at 20°C	Max. L/R Ratio	Min. Insulation Resistance	Max. Mutual Capacitance	Max. Inductance	Test Voltage Vrms	
Sq.mm	mm	(Ω/km)	(H/Ω)	(GΩ/cm)	(nF/km)	(mH/km)	Core-Core	Core-Screen
0.5	16/0.200	39.0	25	20	250	1	2000	1500
0.75	24/0.200	26.0	25	20	250	1	2000	1500
1.0	32./0.200	19.50	25	20	250	1	2000	1500
1.5	30/0.250	13.30	40	20	250	1	2000	1500
2.5	50/0.250	7.98	60	20	250	1	2000	1500
4.0	56/0.300	4.95	60	20	250	1	2000	1500
6.0	84/0.300	3.30	60	20	250	1	2000	1500

- Higher Size also available

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.

ROLSON®
WIRES & CABLES

Mfgby : **Rolson Industries,** Plot No C-49, Gat No 1328/1329,
Pune- Saswad Road, Wadki, Pune - 412308

info@rolson.in www.rolson.in

Follow us on