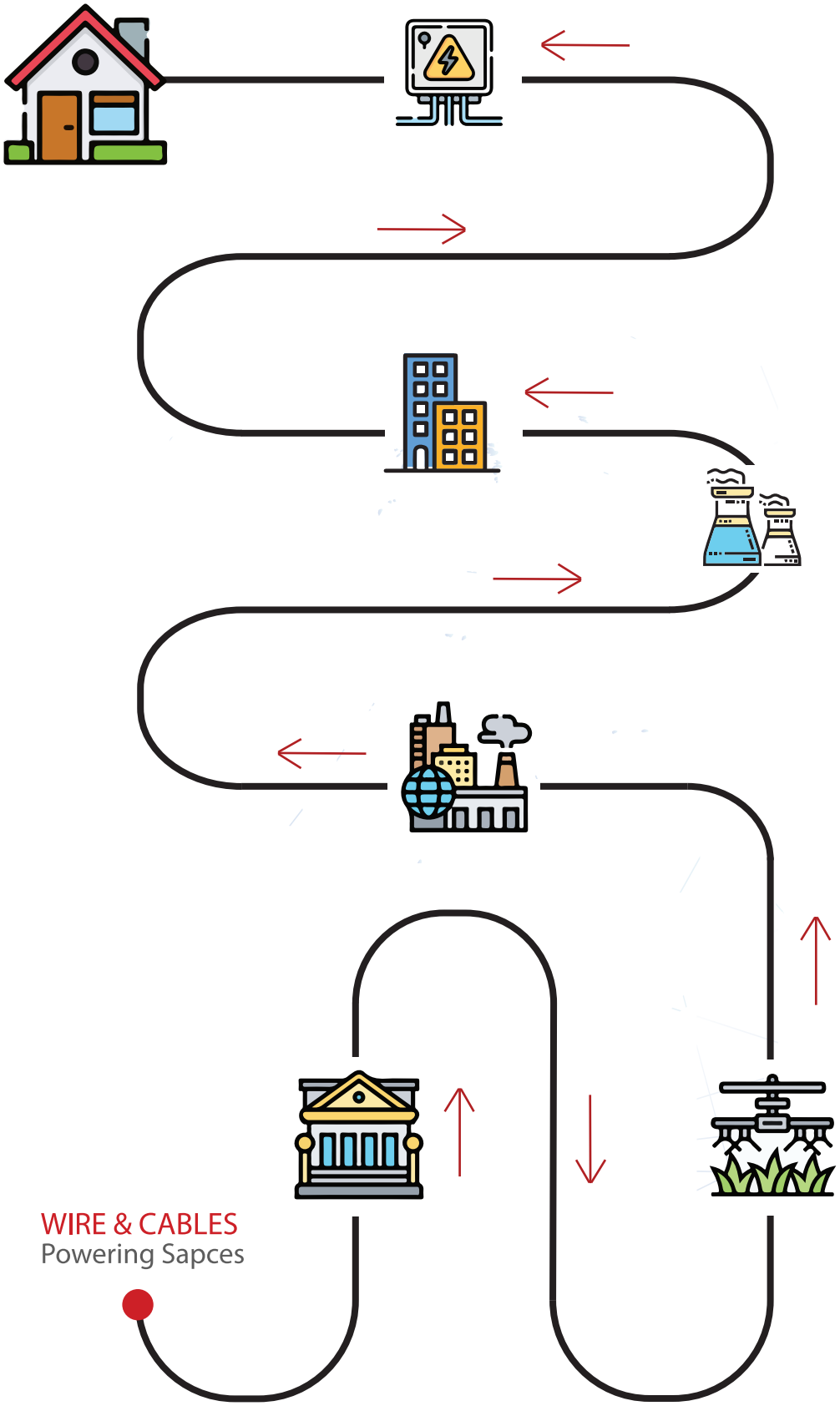
ROLSON®
WIRES & CABLES

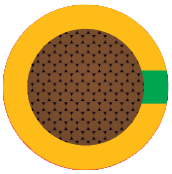
Product Catalogue



ROLSON®
WIRES & CABLES

IS : 694
CM/L - 7500269814

EARTHING CABLES





Cable Standard

Generally conforms to IS 694:2010, IEC60228, BS 6004

Silent Features

- Special heat resistant insulation
- Higher current carrying capacity
- Fine copper wires
- Highly thermal stable insulation
- High electrical conductivity
- Long Life
- Excellent mechanical & electrical properties

Technical Data

Operating Temp : -10°C to max.+90°C
Nominal voltage : 1.1 KV
Test voltage : 3.0 KV

Standard Packing

Coils 100, 200, 500 and 1000m.

Conductor : Bare Copper class1 or class-2 as per IS:8130, IEC 60228

Insulation : PVC FR, FRLS,HRFR,ZHFR as per IS:5831-1984

Colour

Black, Green, Yellow/green or as per customer requirement

Application

Rolson Earth : Installation in surface mounted or embedded conduits, or similar closed systems.

Wire Size	No. of wire / Size of Wire	Insulation Thickness (Nominal)	OD	Max Conductor Resistance at 20°C	Current Rating At Ambient Temperature
sq.mm	Nos./mm	mm	mm	Ω/km	Amps
1.5	1/1.38 or 7/0.52	0.6	2.95	12.10	13
2.5	1/1.78 or 7/0.67	0.7	3.60	7.41	18
4	7/0.85	0.8	4.0	4.61	24
6	7/1.0	0.8	5.10	3.08	31
10	7/1.30	1.0	6.50	1.83	52
16	7/1.70	1.0	8.0	1.15	70
25	7/2.13	1.2	10.0	0.727	88
35	7/2.52	1.2	11.50	0.524	112
50	19/1.83	1.4	13.50	0.387	146
70	19/2.16	1.4	16.0	0.268	216
95	19/2.52	1.6	17.5	0.193	262
120	37/2.0	1.6	19	0.153	310
150	37/2.25	1.8	21	0.124	355
185	37/2.52	2.0	23.5	0.0991	415
240	61/2.23	2.2	26.5	0.0754	500
300	61/2.50	2.4	29.5	0.0601	550
400	61/2.89	2.6	33.5	0.0470	670
500	61/3.23	2.8	37.5	0.0366	750
650	91/2.96	3.0	42	0.0283	875

- All are class 2 conductors
- Class 5 conductor is also available as per customer request
- Up to 6.0 sq.mm class 1 conductor is available as per customer request
- Aluminum conductor also available
- General purpose Special insulation 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.

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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

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