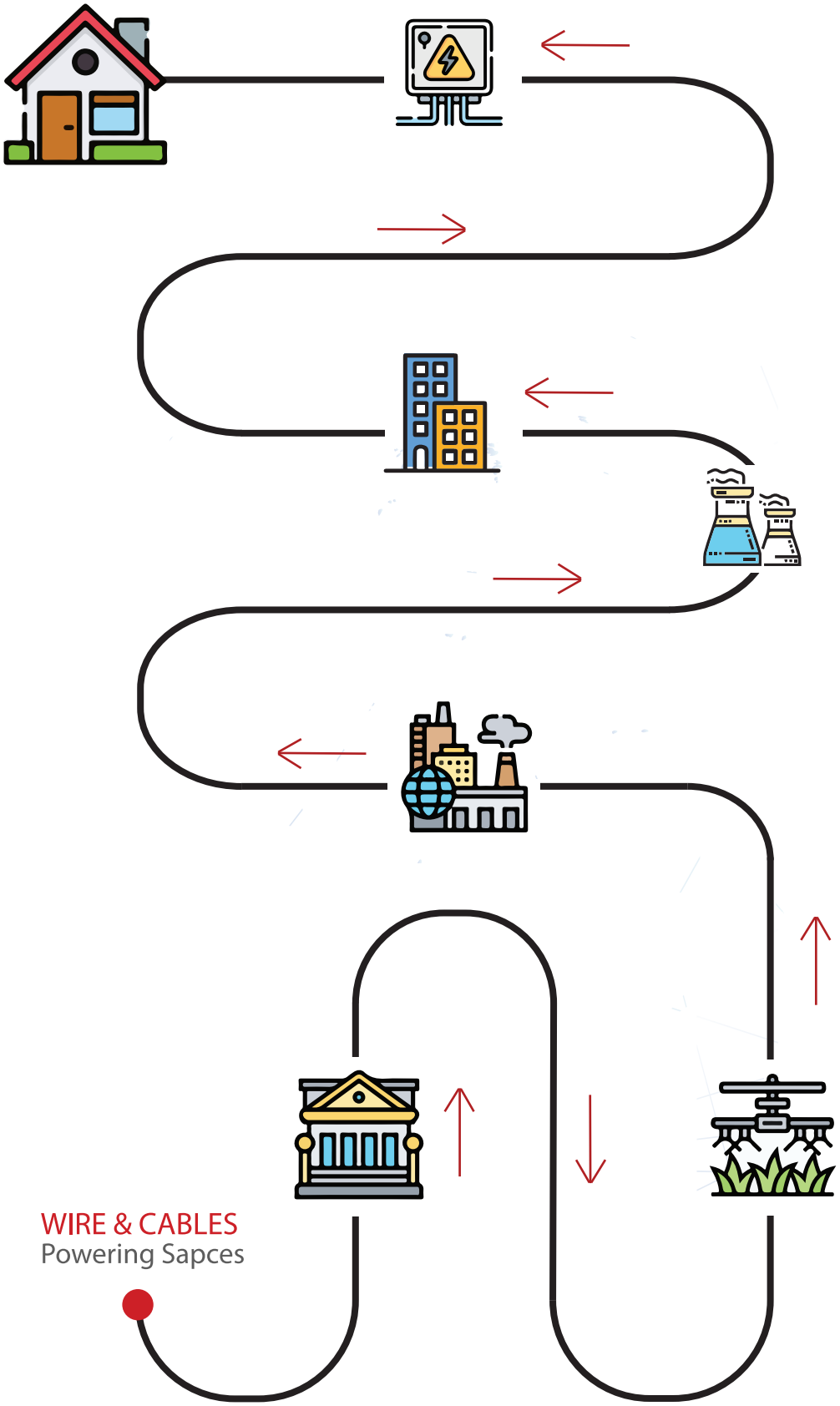
ROLSON®
WIRES & CABLES

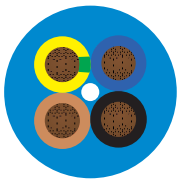
Product Catalogue

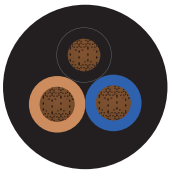


ROLSON®
WIRES & CABLES

IS : 694
CM/L - 7500269814

H05VV-F CABLES







Cable Standard

Generally conforms to DIN VDE 0281-5&2, BS:6500, EN-50525-2-11, IEC 60227-5

Cable Features

- Special heat resistant insulation
- High current carrying capacity
- Less heat energy radiation
- Longer life
- High compatibility of cores
- Excellent resistant to moisture, abrasion, grace, oil
- Excellent mechanical & electrical properties
- Insulation is highly thermal stable
- Harmonized acc. to European standards

Technical Data

Working Temp : -5°C to 70°C

Operating Temp : 20°c to +80°C

Nominal Voltage : 300/500 V

Test Voltage : 2000V

Min. Bending Radius : 6x Cable Diameter

Standard Packing

Coils 100, 200, 500 and 1000m

Conductor : Annealed flexible bare Copper (Class 5 - Flexible Plain Copper) accordingto VDE 0295 IEC 60228.

Insulation : PVC T12 to according to EN 50363-3, BS 7655

Sheath : PVC TM2.to according to EN 50363-3, BS 7655

Colour : White, Black, Blue or as per customer order

Core Identification

2 Core - Blue & Brown
3 Core - Yellow/green, Blue, Brown
4 Core - Yellow/green, Blue, Brown, Black or Yellow/green, Brown, Black, Grey
5 Core - Yellow/green, Blue, Brown, Black and Grey

Application

H05VV-F cordage is a flexible PVC insulated, PVC jacketed harmonized cord recommended for use in electronic and electrical equipment such as office.

Cable Size	Insulation Thickness	Sheath thickness in mm				Max overall diameter in mm								Max Conductor Resistance at 20°C	Current Rating At Ambient Temperature
		2 Core	3 Core	4 Core	5 Core	2 Core		3 Core		4 Core		5 Core			
						Lower Limit	Upper Limit	Lower Limit	Upper Limit	Lower Limit	Upper Limit	Lower Limit	Upper Limit		
sq.mm	mm	sq.mm	sq.mm	sq.mm	sq.mm	sq.mm	sq.mm	sq.mm	sq.mm	sq.mm	sq.mm	sq.mm	sq.mm	Ω/km	Amp.
0.75	0.6	0.8	0.8	0.8	0.9	5.7	7.2	6	7.6	6.6	8.3	7.4	9.3	26.0	7
1	0.6	0.8	0.8	0.9	0.9	5.9	7.5	6.3	8	7.1	9	7.8	9.8	19.5	11
1.5	0.7	0.8	0.9	1	1.1	6.8	8.6	7.4	9.4	8.4	10.5	9.3	11.6	13.3	13
2.5	0.8	1	1	1.1	1.2	8.4	10.6	9.2	11.4	10.1	12.5	11.2	13.9	7.98	18
4	0.8	1.1	1.2	1.2	1.4	9.7	12.1	10.5	13.1	11.5	14.3	13	16.1	4.95	24

- All are class 5 flexible conductor

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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