



Code

H05V2V2-F CU/PVC/PVC

Voltage Rating

300/500 V

Standards

EN 50525-2-11 , VDE 0281 , IEC 60227 , BS 6500

IEC 60228

Conductor

Reaction to Fire Classification (CPR)

EN 60332-1-2

Flame Retardant

Conductor

Flexible Copper Conductor (Class 5)

Insulation

Heat Resistance PVC (Polyvinyl Chloride)

Filler

-

Armour

-

Sheath

Heat Resistance PVC (Polyvinyl Chloride)

Technical Data

Max. Operating Temperature	:	90°C
Short Circuit Temperature	:	160°C (max.5 sec.)
Bending Radius	:	6D (D : Overall Diameter)
Test Voltage	:	2 kV

Application

For household appliances, under medium mechanical stress also in damp and wet locations.

Nominal Cross Section (mm ²)	Overall Diameter (mm)	Net Weight (kg/km)	Delivery Length (m)	Resistance at 20°C (ohm/km)	Current Carrying Capacity	
					In Ground at 20°C	In Air at 30°C
2x0,75	6,1	62,1	100	26,0	-	6
2x1	6,5	71,2	100	19,5	-	10
2x1,5	7,4	93,6	100	13,3	-	16
2x2,5	9,1	146,5	100	7,98	-	25
2x4	10,3	198,1	100	4,95	-	32

Nominal Cross Section (mm ²)	Overall Diameter (mm)	Net Weight (kg/km)	Delivery Length (m)	Resistance at 20°C (ohm/km)	Current Carrying Capacity	
					In Ground at 20°C	In Air at 30°C
3x0,75	6,5	74,2	100	26,0	-	6
3x1	6,9	85,9	100	19,5	-	10
3x1,5	8,1	117,7	100	13,3	-	16
3x2,5	9,8	180,1	100	7,98	-	25
3x4	11,1	245,5	100	4,95	-	32

Nominal Cross Section (mm ²)	Overall Diameter (mm)	Net Weight (kg/km)	Delivery Length (m)	Resistance at 20°C (ohm/km)	Current Carrying Capacity	
					In Ground at 20°C	In Air at 30°C
4x0,75	7,1	91,0	100	26,0	-	6
4x1	7,7	109,9	100	19,5	-	10
4x1,5	9,0	149,9	100	13,3	-	16
4x2,5	10,7	223,0	100	7,98	-	25
4x4	12,2	305,7	100	4,95	-	32

Nominal Cross Section (mm ²)	Overall Diameter (mm)	Net Weight (kg/km)	Delivery Length (m)	Resistance at 20°C (ohm/km)	Current Carrying Capacity	
					In Ground at 20°C	In Air at 30°C
5x0,75	8,9	155,2	100	26,0	-	6
5x1	9,4	178,1	100	19,5	-	10
5x1,5	11,0	245,7	100	13,3	-	16
5x2,5	12,9	356,6	100	7,98	-	25
5x4	14,7	486,3	100	4,95	-	32

Note :

Current carrying capacities are valid at 30°C ambient temperature.

