



Code

FROR CU/PVC/PVC

Voltage Rating

450/750 V

Standards

IEC 60228

Conductor

Reaction to Fire Classification (CPR)

EN 60332-1-2

Flame Retardant

Conductor

Flexible Copper Conductor (Class 5)

Insulation

PVC (Polyvinyl Chloride)

Filler

-

Armour

-

Sheath

PVC (Polyvinyl Chloride)

Technical Data

Max. Operating Temperature	:	70°C
Short Circuit Temperature	:	160°C (max.5 sec.)
Bending Radius	:	6D (D : Overall Diameter)
Test Voltage	:	2,5 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	6,9	72,7	100	26,0	-	6
2x1	7,3	82,5	100	19,5	-	10
2x1,5	7,8	98,7	100	13,3	-	16
2x2,5	9,5	146,5	100	7,98	-	25
2x4	10,5	192,7	100	4,95	-	32
2x6	11,8	260,2	100	3,30	-	-

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	7,3	85,0	100	26,0	-	6
3x1	7,7	97,5	100	19,5	-	10
3x1,5	8,3	120,7	100	13,3	-	16
3x2,5	10,0	181,8	100	7,98	-	25
3x4	11,3	248,4	100	4,95	-	32
3x6	12,8	337,9	100	3,30	-	-

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	8,0	102,9	100	26,0	-	6
4x1	8,4	118,6	100	19,5	-	10
4x1,5	9,2	149,5	100	13,3	-	16
4x2,5	10,9	223,5	100	7,98	-	25
4x4	12,4	307,2	100	4,95	-	32
4x6	13,9	420,9	100	3,30	-	-
4x10	18,5	801,2	100	1,91	-	-

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	134,2	100	26,0	-	6
5x1	9,3	153,5	100	19,5	-	10
5x1,5	11,0	203,1	100	13,3	-	16
5x2,5	12,1	284,4	100	7,98	-	25
5x4	13,9	396,2	100	4,95	-	32
5x6	15,4	529,9	100	3,30	-	-

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
7x1	10,0	184,6	1000	19,5	-	10
7x1,5	11,3	239,3	1000	13,3	-	16
7x2,5	13,3	357,9	1000	7,98	-	25
12x1	12,9	308,9	1000	19,5	-	10
12x1,5	14,1	396,7	1000	13,3	-	16
12x2,5	17,0	594,9	1000	7,98	-	25

Note :

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