

**Code****CYKY CU/PVC/PVC****Voltage Rating****450/750 V****Standards****CSN 347656 CSN 34615****IEC 60228****Conductor****Reaction to Fire Classification (CPR)****EN 60332-1-2****Flame Retardant****Conductor****Solid Copper Conductor (Class 1)****Stranded Copper Conductor (Class 2)****Insulation****PVC (Polyvinyl Chloride)****Filler****PVC Filler****Armour****-****Sheath****PVC (Polyvinyl Chloride)****Technical Data**

Max. Operating Temperature	:	70°C
Short Circuit Temperature	:	160°C (max.5 sec)
Bending Radius	:	12D (D : Overall Diameter)
Test Voltage	:	2,5 kV

Application:

For installation indoors and outdoors, in cable ducts, underground, in power or switching stations, local energy distributions, industrial plants, where there is no risk of mechanical damage.

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
2x1,5	8,7	123,0	1000	12,1	-	18
2x2,5	9,9	162,8	1000	7,41	-	26
2x4	11,2	226,3	1000	4,61	-	34
2x6	12,6	298,9	1000	3,08	-	44
2x10	15,5	456,2	1000	1,83	-	61
2x16	17,7	642,4	1000	1,15	-	82

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
3x1,5	9,2	145,7	1000	12,1	-	18
3x2,5	10,4	192,3	1000	7,41	-	26
3x4	11,9	277,4	1000	4,61	-	34
3x6	13,3	367,2	1000	3,08	-	44
3x10	16,5	568,1	1000	1,83	-	61
3x16	19,2	830,4	1000	1,15	-	82

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
4x1,5	9,9	174,2	1000	12,1	-	18
4x2,5	11,3	234,1	1000	7,41	-	26
4x4	13,0	343,2	1000	4,61	-	34
4x6	14,9	470,9	1000	3,08	-	44
4x10	18,0	705,9	1000	1,83	-	61
4x16	21,0	1041,0	1000	1,15	-	82
4x50*	33,1	2803,2	1000	0,387	-	-

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
5x1,5	10,8	219,4	1000	12,1	-	18
5x2,5	12,3	295,3	1000	7,41	-	26
5x4	14,9	460,6	1000	4,61	-	34
5x6	16,2	591,6	1000	3,08	-	44
5x10	20,1	920,1	1000	1,83	-	61
5x16	23,4	1350,7	1000	1,15	-	82

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
7x1,5	13,0	317,7	1000	12,1	-	18
7x2,5	14,7	433,7	1000	7,41	-	26
12x1,5	15,7	525,6	1000	12,1	-	18
12x2,5	18,0	731,1	1000	7,41	-	26
19x1,5	18,8	814,2	1000	12,1	-	18
19x2,5	22,1	1107,7	1000	7,41	-	26
24x1,5	21,0	1034,3	1000	12,1	-	18
24x2,5	24,3	1452,9	1000	7,41	-	26

Note :

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