

**Code****LIYY CU/PVC/PVC****Voltage Rating****300/500 V****Standards****TS 13755****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 kV

Application

These cables used in industrial applications for signal transmission. These can be easily used with their flexible construction in narrow applications like electronic control systems of computer or audio systems sector, electronic circuits, measurement devices , machine design, office equipments, etc. These for indoor applications.

Nominal Cross Section (mm ²)	Overall Diameter (mm)	Net Weight (kg/km)	Delivery Length (m)	Resistance at 20°C (ohm/km)	Current Carrying Capacity (A)	Mutual Capacity (pF/m)
2x0,50	5,6	48,2	100	39,0	3	120
2x0,75	6,0	57,9	100	26,0	6	120
2x1	6,4	66,9	100	19,5	10	120
2x1,5	8,1	104,8	100	13,3	16	120
2x2,5	9,0	138,9	100	7,98	25	120

Nominal Cross Section (mm ²)	Overall Diameter (mm)	Net Weight (kg/km)	Delivery Length (m)	Resistance at 20°C (ohm/km)	Current Carrying Capacity (A)	Mutual Capacity (pF/m)
3x0,50	5,9	56,1	100	39,0	3	120
3x0,75	6,4	68,3	100	26,0	6	120
3x1	6,7	79,8	100	19,5	10	120
3x1,5	8,5	123,8	100	13,3	16	120
3x2,5	9,4	167,8	100	7,98	25	120

Nominal Cross Section (mm ²)	Overall Diameter (mm)	Net Weight (kg/km)	Delivery Length (m)	Resistance at 20°C (ohm/km)	Current Carrying Capacity (A)	Mutual Capacity (pF/m)
4x0,50	6,4	67,0	100	39,0	3	120
4x0,75	6,9	82,5	100	26,0	6	120
4x1	8,1	112,8	100	19,5	10	120
4x1,5	9,2	149,6	100	13,3	16	120
4x2,5	10,2	205,4	100	7,98	25	120

Nominal Cross Section (mm ²)	Overall Diameter (mm)	Net Weight (kg/km)	Delivery Length (m)	Resistance at 20°C (ohm/km)	Current Carrying Capacity (A)	Mutual Capacity (pF/m)
5x0,50	6,9	79,2	100	39,0	3	120
5x0,75	8,2	114,1	100	26,0	6	120
5x1	8,7	133,1	100	19,5	10	120
5x1,5	9,9	177,7	100	13,3	16	120
5x2,5	11,1	246,5	100	7,98	25	120

Nominal Cross Section (mm ²)	Overall Diameter (mm)	Net Weight (kg/km)	Delivery Length (m)	Resistance at 20°C (ohm/km)	Current Carrying Capacity (A)	Mutual Capacity (pF/m)
7x0,50	8,3	104,0	1000	39,0	3	120
7x0,75	8,9	127,7	1000	26,0	6	120
7x1	9,4	150,3	1000	19,5	10	120
7x1,5	10,8	201,2	1000	13,3	16	120
7x2,5	12,1	284,4	1000	7,98	25	120

Nominal Cross Section (mm ²)	Overall Diameter (mm)	Net Weight (kg/km)	Delivery Length (m)	Resistance at 20°C (ohm/km)	Current Carrying Capacity (A)	Mutual Capacity (pF/m)
12x0,50	9,9	155,4	1000	39,0	3	120
12x0,75	10,7	194,5	1000	26,0	6	120
12x1	11,4	232,0	1000	19,5	10	120
12x1,5	13,2	315,3	1000	13,3	16	120
12x2,5	15,0	454,4	1000	7,98	25	120

Nominal Cross Section (mm ²)	Overall Diameter (mm)	Net Weight (kg/km)	Delivery Length (m)	Resistance at 20°C (ohm/km)	Current Carrying Capacity (A)	Mutual Capacity (pF/m)
18x0,50	11,5	213,5	1000	39,0	3	120
18x0,75	12,5	270,4	1000	26,0	6	120
18x1	13,3	325,3	1000	19,5	10	120
18x1,5	15,5	446,5	1000	13,3	16	120
18x2,5	17,7	651,5	1000	7,98	25	120

Nominal Cross Section (mm ²)	Overall Diameter (mm)	Net Weight (kg/km)	Delivery Length (m)	Resistance at 20°C (ohm/km)	Current Carrying Capacity (A)	Mutual Capacity (pF/m)
27x0,50	13,5	297,2	1000	39,0	3	120
27x0,75	14,7	380,7	1000	26,0	6	120
27x1	15,7	461,2	1000	19,5	10	120
27x1,5	18,4	638,6	1000	13,3	16	120
27x2,5	21,0	941,6	1000	7,98	25	120

Nominal Cross Section (mm ²)	Overall Diameter (mm)	Net Weight (kg/km)	Delivery Length (m)	Resistance at 20°C (ohm/km)	Current Carrying Capacity (A)	Mutual Capacity (pF/m)
36x0,50	15,1	378,6	1000	39,0	3	120
36x0,75	16,5	488,2	1000	26,0	6	120
36x1	17,7	594,3	1000	19,5	10	120
36x1,5	20,8	827,0	1000	13,3	16	120
36x2,5	24,2	1252,8	1000	7,98	25	120

Nominal Cross Section (mm ²)	Overall Diameter (mm)	Net Weight (kg/km)	Delivery Length (m)	Resistance at 20°C (ohm/km)	Current Carrying Capacity (A)	Mutual Capacity (pF/m)
48x0,50	17,0	485,0	1000	39,0	3	120
48x0,75	18,6	629,3	1000	26,0	6	120
48x1	20,0	769,3	1000	19,5	10	120
48x1,5	23,9	1099,7	1000	13,3	16	120
48x2,5	27,5	1633,4	1000	7,98	25	120

Nominal Cross Section (mm ²)	Overall Diameter (mm)	Net Weight (kg/km)	Delivery Length (m)	Resistance at 20°C (ohm/km)	Current Carrying Capacity (A)	Mutual Capacity (pF/m)
60x0,50	18,7	589,7	1000	39,0	3	120
60x0,75	20,5	768,7	1000	26,0	6	120
60x1	22,0	942,2	1000	19,5	10	120
60x1,5	26,4	1348,1	1000	13,3	16	120
60x2,5	30,7	2042,6	1000	7,98	25	120

Note :

Current carrying capacities are valid at 30°C ambient temperature