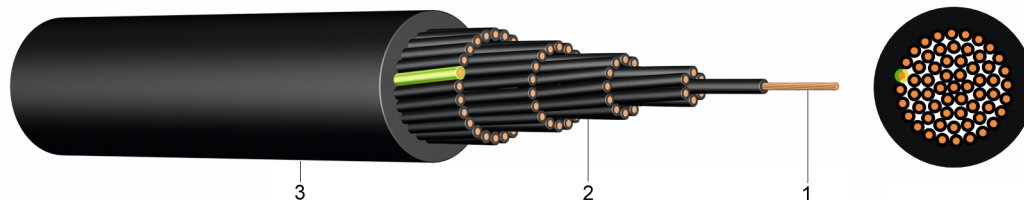


YSLY PVC – Control Cable 0,6/1 kV, UV-resistant

Application: As energy or connecting cable, as measuring, checking and control cable in machine tool manufacturing, plant engineering and on assembly lines and production lines. Suitable fixed for fixed installation or flexible applications with free movement without forced motion and without tensile stress in dry and damp rooms, outdoors transferred considering the temperature range. Not for use in water or in the ground.



Construction:

- 1 fine stranded bare copper
- 2 core insulation of polyvinylchloride (PVC)
core identification JZ: 1 core green/yellow, other cores black with figures
core identification OZ: every core black with figures
- 3 outer sheath of polyvinylchloride (PVC), black, increased oil resistant, flame retardant, UV-resistant

Standards: DIN EN 60228 Class 5 (construction)

Technical data:

Nominal voltage U ₀ /U		[V]	600 / 1000 Volt
Test voltage		[V] _{AC}	6000
Temperature range	in motion		-5°C till +70°C
	fixed		-40°C till +70°C
Bending radius		x diameter	7,5
Flammability	standard		EN 60332-1

Number of cores and nominal cross section mm ²	Copper figure kg/km	Cond. construction (appr. value) mm	Overall diameter appr. mm	Weight appr. kg/km
2 x 0,75	14,4	24 x 0,21	7,5	95
3 x 0,75	21,6	24 x 0,21	8,0	105
4 x 0,75	28,8	24 x 0,21	10,0	125
5 x 0,75	36,0	24 x 0,21	9,5	135
7 x 0,75	50,4	24 x 0,21	11,1	180
12 x 0,75	86,4	24 x 0,21	13,0	250
18 x 0,75	129,6	24 x 0,21	15,6	355
2 x 1	19,2	32 x 0,21	8,2	75
3 x 1	28,8	32 x 0,21	8,6	85
4 x 1	38,4	32 x 0,21	9,4	100
5 x 1	48,0	32 x 0,21	10,4	125
7 x 1	67,2	32 x 0,21	12,1	170
12 x 1	115,2	32 x 0,21	14,5	285
18 x 1	172,8	32 x 0,21	17,2	400
25 x 1	240,0	32 x 0,21	20,8	560
34 x 1	326,4	32 x 0,21	23,5	740

Number of cores and nominal cross section mm ²	Copper figure kg/km	Cond. construction (appr. value) mm	Overall diameter appr. mm	Weight appr. kg/km
2 x 1,5	28,8	30 x 0,26	8,9	90
3 x 1,5	43,2	30 x 0,26	9,7	110
4 x 1,5	57,6	30 x 0,26	10,4	140
5 x 1,5	72,0	30 x 0,26	11,5	160
7 x 1,5	100,8	30 x 0,26	13,5	220
12 x 1,5	172,8	30 x 0,26	16,5	320
18 x 1,5	259,2	30 x 0,26	19,5	510
25 x 1,5	359,0	30 x 0,26	23,4	720
3 x 2,5	72,0	48 x 0,26	10,4	170
4 x 2,5	96,0	48 x 0,26	11,5	200
5 x 2,5	120,0	48 x 0,26	12,8	240
7 x 2,5	168,0	48 x 0,26	14,4	331
12 x 2,5	288,0	48 x 0,26	18,2	540
3 x 4	115,2	56 x 0,31	12,6	220
4 x 4	153,6	56 x 0,31	14,0	300
5 x 4	192,0	56 x 0,31	15,3	400
3 x 6	172,8	84 x 0,31	14,2	360
4 x 6	230,4	84 x 0,31	15,7	415
5 x 6	288,0	84 x 0,31	17,9	630
4 x 10	384,0	80 x 0,41	19,5	780
5 x 10	480,0	80 x 0,41	19,7	940
4 x 16	614,4	128 x 0,41	20,8	1080
5 x 16	767,0	128 x 0,41	23,1	1550
4 x 25	960,0	200 x 0,41	25,8	1580
4 x 35	1.344,0	280 x 0,41	28,4	1889
5 x 50	2.400,0	400 x 0,41	39,0	3800

* on request