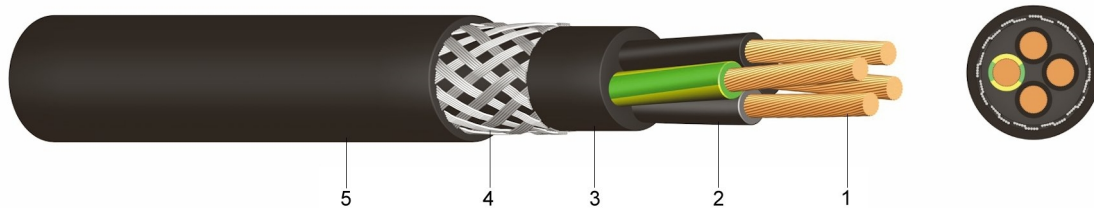


YSLYCY PVC – Control Cable 0,6/1 kV, UV-resistant with Copper Braiding

Application: Used 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.
For interference-free signal transmission for measuring, control and regulation technology, these cables with copper screening assures.



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 inner sheath of polyvinylchloride (PVC)
- 4 braiding of tinned copper round wires
- 5 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 fixed	- 5°C till +70°C -40°C till +70°C
Bending radius	x diameter	15
Flammability	standard	EN 60332-1

Number of cores and nominal cross section mm ²	Copper figure	Cond. construction (app.value)	Overall diameter appr.	Weight appr.
	kg/km	mm	mm	kg/km
2 x 0,75	41,3	24 x 0,21	10,5	183
3 x 0,75	54,7	24 x 0,21	10,9	210
4 x 0,75	67,2	24 x 0,21	11,4	238
5 x 0,75	78,7	24 x 0,21	12,1	272
7 x 0,75	97,0	24 x 0,21	12,9	315
12 x 0,75	168,0	24 x 0,21	15,8	464
2 x 1	51,8	32 x 0,21	10,8	198
3 x 1	66,2	32 x 0,21	11,2	228
4 x 1	85,4	32 x 0,21	11,8	261
5 x 1	93,1	32 x 0,21	12,6	300
7 x 1	117,1	32 x 0,21	13,3	335
12 x 1	204,5	32 x 0,21	16,4	522
18 x 1	280,3	32 x 0,21	19,4	628



Number of cores and nominal cross section mm ²	Copper figure kg/km	Cond. construction (app.value) mm	Overall diameter appr. mm	Weight appr. kg/km
25 x 1	368,6	32 x 0,21	21,6	884
2 x 1,5	69,1	30 x 0,26	11,8	243
3 x 1,5	87,4	30 x 0,26	12,3	273
4 x 1,5	101,8	30 x 0,26	13,0	290
5 x 1,5	124,8	30 x 0,26	13,9	352
7 x 1,5	180,5	30 x 0,26	15,0	448
12 x 1,5	257,3	30 x 0,26	18,8	534
18 x 1,5	358,1	30 x 0,26	21,6	720
3 x 2,5	122,9	50 x 0,26	13,5	354
4 x 2,5	168,0	50 x 0,26	14,6	413
5 x 2,5	203,5	50 x 0,26	15,7	515
4 x 4	238,1	56 x 0,31	16,2	587
4 x 6	317,8	84 x 0,31	17,7	715
4 x 10	574,1	80 x 0,41	21,7	1.188
4 x 16	809,3	128 x 0,41	24,3	1.656