

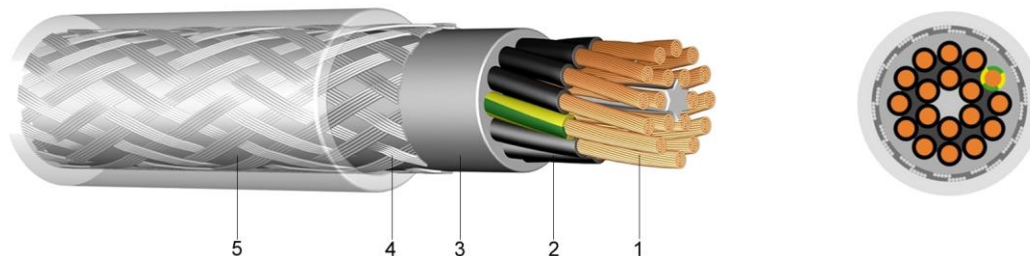


## YSLYCY

## PVC – Control Cable with Copper Braiding transparent

### Application:

Used as a power and control cable with increased mechanical stress-resistance for rough operating conditions. This cable is also suitable for fixed installations in vehicles, machines and hoists, etc.



### Construction:

- 1 ..... fine-stranded bare copper
- 2 ..... core insulation of polyvinylchloride (PVC)
- 3 ..... inner sheath of polyvinylchloride (PVC)
- 4 ..... braiding of tinned copper round wires
- 5 ..... outer sheath of polyvinylchloride (PVC), transparent, increased oil resistant

### Standards:

adapted to DIN VDE 0281  
 DIN EN 60228 class 5 (construction)  
 HD 308 S2 (core identification for coloured cores)  
 core identification JZ: 1 core green/yellow, other cores black with figures  
 core identification OZ: every core black with figures

### Technical data:

Nominal voltage U <sub>0</sub> /U		[V]	300 / 500 Volt
Test voltage		[V] <sub>AC</sub>	4000
Temperature range	in motion		- 5°C till +70°C
	fixed		-40°C till +70°C
Bending radius	onetime/fixed	x DA	7,5
	in motion	x DA	12,5
Flammability	standard		EN 60332-1-2

Number of cores and nominal cross section mm <sup>2</sup>	from stock	from stock	Copper figure kg/km	Overall diameter appr. ca. mm	Weight ca. kg / km
	J	O			
2 x 0,5	●	●	36,0	7,0	90
3 x 0,5	●		43,0	7,5	95
4 x 0,5	●	○	48,0	8,0	100
5 x 0,5	○		54,0	8,6	107
7 x 0,5	●		71,0	9,3	136
12 x 0,5	○		126,0	12,0	195
18 x 0,5	○		162,5	13,0	253
2 x 0,75		●	48,0	7,6	87
3 x 0,75	●		52,0	8,0	94
4 x 0,75	●		65,0	8,5	119
5 x 0,75	●		81,0	9,3	157
7 x 0,75	●		111,0	9,9	182
12 x 0,75	●		169,0	12,8	283
18 x 0,75	●		229,0	14,9	400
25 x 0,75	●		288,0	17,6	515



Number of cores and nominal cross section mm <sup>2</sup>	from stock	from stock	Copper figure kg/km	Overall diameter appr. ca. mm	Weight ca. kg / km
	J	O			
2 x 1		●	48,0	9,0	97
3 x 1	●		78,0	8,3	132
4 x 1	●	○	90,0	9,0	152
5 x 1	●		106,0	9,6	173
7 x 1	●		132,0	10,4	209
12 x 1	●		202,0	13,4	322
18 x 1	●		276,0	15,4	471
25 x 1	●		367,0	18,4	657
2 x 1,5		●	66,0	8,6	130
3 x 1,5	●		99,0	9,5	156
4 x 1,5	●		121,0	10,4	172
5 x 1,5	●		135,0	11,2	208
7 x 1,5	●		175,0	12,3	244
12 x 1,5	●		266,0	15,7	402
18 x 1,5	●		401,0	18,5	600
25 x 1,5	●		421,0	20,8	724
3 x 2,5	●		154,0	11,0	208
4 x 2,5	●		170,0	12,2	225
5 x 2,5	○		208,0	13,3	300
7 x 2,5	●		266,0	14,3	362
3 x 4	○		172,0	12,3	320
4 x 4	●		240,0	13,6	400
5 x 4	●		342,0	15,3	480
7 x 4	●		404,0	16,0	600
4 x 6	●		329,0	16,0	538
5 x 6	○		448,0	17,2	656
7 x 6	●		565,0	18,7	870
4 x 10	○		557,0	19,3	748
5 x 10	●		676,0	21,5	915
4 x 16	●		900,0	22,6	1.179
5 x 16	○		1.094,0	24,7	1.385
4 x 25	●		1.206,0	26,6	1.760
4 x 35	●		1.554,0	29,9	2.010
5 x 35	○		2.099,0	32,9	2.430
4 x 50	○		2.328,0	35,3	2.870
4 x 70	○		3.219,0	40,3	3.880
4 x 95	○		4.229,0	46,3	5.400
4 x 120	○		5.263,0	51,6	6.430