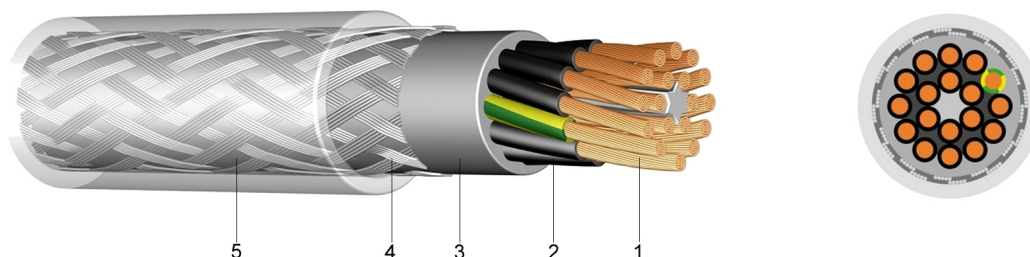


YSLYQY

PVC Control Cable with Steel Wire Braiding

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 galvanized steel 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 ₀ /U	[V]	300 / 500 Volt
Test voltage	[V] _{AC}	2000
Temperature range		- 5°C till +70°C -40°C till +70°C
Operating temperature	in motion	
Short circuit time	fixed	
Bending radius	short circuit max.	°C
Bending radius	one time / fixed	[sec]
Flammability	in motion	x diameter
	standard	x diameter

Number of cores and nominal cross section mm ²	Copper figure	Cond. construction (appr. value) mm	Overall diameter appr. mm	Weight appr. kg/km
	kg/km			
2 x 0,75	14,4	24 x 0,21	7,5	73
3 x 0,75	21,6	24 x 0,21	7,8	82
4 x 0,75	28,8	24 x 0,21	8,2	89
5 x 0,75	36,0	24 x 0,21	8,8	101
7 x 0,75	50,4	24 x 0,21	9,1	127
12 x 0,75	86,4	24 x 0,21	11,5	187
18 x 0,75	129,6	24 x 0,21	13,3	258
25 x 0,75	180,0	24 x 0,21	16,3	370
34 x 0,75	244,8	24 x 0,21	18,0	473
50 x 0,75	360,0	24 x 0,21	20,5	649
2 x 1	19,2	32 x 0,21	7,7	79
3 x 1	28,8	32 x 0,21	8,0	90
4 x 1	38,4	32 x 0,21	8,5	106

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
5 x 1	48,0	32 x 0,21	9,1	119
7 x 1	67,2	32 x 0,21	9,7	145
12 x 1	115,2	32 x 0,21	12,1	226
18 x 1	172,8	32 x 0,21	13,8	311
25 x 1	240,0	32 x 0,21	16,9	438
34 x 1	326,4	32 x 0,21	18,5	561
50 x 1	480,0	32 x 0,21	22,4	794
2 x 1,5	28,8	30 x 0,26	8,3	96
3 x 1,5	43,2	30 x 0,26	8,5	117
4 x 1,5 *	57,6	30 x 0,26	9,2	132
5 x 1,5	72,0	30 x 0,26	9,7	147
7 x 1,5	100,8	30 x 0,26	10,6	184
12 x 1,5	172,8	30 x 0,26	13,5	293
18 x 1,5	259,2	30 x 0,26	16,3	433
25 x 1,5	360,0	30 x 0,26	19,0	572
34 x 1,5	489,6	30 x 0,26	21,2	739
50 x 1,5	720,0	30 x 0,26	28,1	1.227
3 x 2,5	72,0	50 x 0,26	9,7	155
4 x 2,5 *	96,0	50 x 0,26	10,7	191
5 x 2,5	120,0	50 x 0,26	11,5	224
7 x 2,5	168,0	50 x 0,26	12,6	285
12 x 2,5	288,0	50 x 0,26	16,6	460
18 x 2,5	432,0	50 x 0,26	19,3	654
25 x 2,5	600,0	50 x 0,26	23,2	891
4 x 4 *	153,6	56 x 0,31	12,3	271
5 x 4 *	192,0	56 x 0,31	13,8	330
7 x 4	268,8	56 x 0,31	15,4	442
4 x 6	230,4	84 x 0,31	14,5	379
5 x 6 **	288,0	84 x 0,31	16,4	474
7 x 6	403,2	84 x 0,31	17,7	615
4 x 10	384,0	80 x 0,41	18,0	608
7 x 10	672,0	80 x 0,41	21,6	920
4 x 16	614,4	128 x 0,41	21,8	945
5 x 16 **	768,0	128 x 0,41	23,4	1.123
7 x 16	1.075,2	128 x 0,41	26,0	1.494
4 x 25 **	960,0	200 x 0,41	25,1	1.349
4 x 35 **	1.344,0	280 x 0,41	29,6	1.839
5 x 35 **	1.680,0	280 x 0,41	32,0	2.197
4 x 50 **	1.920,0	400 x 0,41	34,3	2.605
4 x 70 **	2.688,0	356 x 0,51	38,5	3.453
4 x 95 **	3.648,0	470 x 0,51	43,0	4.544

* also with coloured core on Stock available

** only with coloured core on Stock available, with black insulation and white figures on enquiry