

PVC insulated, PVC sheathed, flexible control cables, 300/500 V

Application:

- for interconnection of machine parts & for the direct connection to the mains.

Standard:

- IEC 60227-7
- DIN VDE 0245

Construction:

- Plain annealed copper conductor class 5.
- PVC insulation, type D.
- PVC sheath type ST 9.

General specification:

- Working temperature: Max. 70°C.
- Code designation: NYSLY.

Cross-sectional area Nom. mm ²	No. of wires x diameter Nom. mm	Insulation thickness mm	Sheath thickness mm	Mean overall diameter mm	Weight Approx. kg/km	Conductor resistance at 20°C Max. Ω/km
2 x 0.5	16 x 0.20	0.6	0.7	4.8	36	39
3 x 0.5	16 x 0.20	0.6	0.7	5.7	42	39
4 x 0.5	16 x 0.20	0.6	0.8	5.7	55	39
5 x 0.5	16 x 0.20	0.6	0.8	6.2	65	39
6 x 0.5	16 x 0.20	0.6	0.9	8.2	100	39
7 x 0.5	16 x 0.20	0.6	0.9	6.7	81	39
8 x 0.5	16 x 0.20	0.6	1.0	9.1	125	39
10 x 0.5	16 x 0.20	0.6	1.0	8.8	129	39
12 x 0.5	16 x 0.20	0.6	1.1	9.0	142	39
2 x 0.75	24 x 0.20	0.6	0.8	5.2	44	26
3 x 0.75	24 x 0.20	0.6	0.8	5.4	53	26
4 x 0.75	24 x 0.20	0.6	0.8	6.2	68	26
5 x 0.75	24 x 0.20	0.6	0.9	6.8	83	26
6 x 0.75	24 x 0.20	0.6	0.9	7.0	99	26
7 x 0.75	24 x 0.20	0.6	1.0	7.3	104	26
8 x 0.75	24 x 0.20	0.6	1.0	9.2	135	26
10 x 0.75	24 x 0.20	0.6	1.1	9.6	165	26
12 x 0.75	24 x 0.20	0.6	1.1	9.9	183	26
2 x 1	32 x 0.20	0.6	0.8	5.5	51	19.5
3 x 1	32 x 0.20	0.6	0.8	5.9	64	19.5

4 x 1	32 x 0.20	0.6	0.8	6.5	80	19.5
5 x 1	32 x 0.20	0.6	0.9	7.2	99	19.5
6 x 1	32 x 0.20	0.6	1.0	7.7	100	19.5
7 x 1	32 x 0.20	0.6	1.0	8.0	127	19.5
8 x 1	32 x 0.20	0.6	1.1	9.5	160	19.5
10 x 1	32 x 0.20	0.6	1.2	11.5	200	19.5
12 x 1	32 x 0.20	0.6	1.2	11.7	260	19.5
2 x 1.5	32 x 0.25	0.7	0.8	6.3	69	13.3
3 x 1.5	32 x 0.25	0.7	0.9	6.6	84	13.3
4 x 1.5	32 x 0.25	0.7	0.9	7.3	105	13.3
5 x 1.5	32 x 0.25	0.7	1.0	8.2	132	13.3
6 x 1.5	32 x 0.25	0.7	1.1	8.5	158	13.3
7 x 1.5	32 x 0.25	0.7	1.2	8.9	168	13.3
8 x 1.5	32 x 0.25	0.7	1.2	9.5	210	13.3
10 x 1.5	32 x 0.25	0.7	1.3	11.6	263	13.3
12 x 1.5	32 x 0.25	0.7	1.3	12.0	294	13.3