



Flexible control cables - YSLY 0,6/1 kV

● flame-retardant IEC 60332-1 (equivalent to DIN VDE 0472-804 test method B)



## Technical attributes

Standards	adapted to DIN VDE 0281
Conductor material	Cu, bare
Conductor type	flexible
Conductor standard	IEC 60228
Conductor category	5
Core insulation	PVC
Core colours	DIN VDE 0293 black, number-coded, with/without GN/YE-protection conductor
Outer sheath	PVC-compound type: TM2
Outer sheath colour	black
Temperature range min., mobile operation	-5 °C
Temperature range max., mobile operation	+80 °C
Temperature range min., fixed installation	-40 °C
Temperature range max., fixed installation	+80 °C
Nominal voltage U <sub>0</sub> /U	0,6/1 kV
Test voltage	4000 V
Insulation resistance	13,3 MΩ x km
Minimum bending radius mobile operation	7,5 x cable-Ø
Minimum bending radius, fixed installation	4 x cable-Ø
RoHS-compliant	yes

## Description

For use on measuring, testing and control purposes to flow and conveyor belts, machine tools, production lines, in iron and steel works and in air conditioning. The cables are suitable for medium stress for flexible use with free movement without tensile stress or forced movements in dry, damp and wet environments. Outdoors (fixed installation).

## Note

- flame-retardant IEC 60332-1 (equivalent to DIN VDE 0472-804 test method B)
- UV-resistant

## Product table

product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
00107023	YSLY-JZ 4 x 0,5 bk 0,6/1 kV	98,00	19,00	7,60	black
00107024	YSLY-JZ 5 x 0,5 bk 0,6/1 kV	117,00	24,00	8,20	black
00107078	YSLY-OZ 5 x 0,5 bk 0,6/1 kV	117,00	24,00	8,20	black
00107025	YSLY-JZ 12 x 0,5 bk 0,6/1kV	200,00	58,00	12,20	black
00107055	YSLY-JZ 25 x 0,5 bk 0,6/1kV	335,00	120,00	17,20	black
00107056	YSLY-JZ 32 x 0,5 bk 0,6/1kV	355,00	154,00	18,90	black
00107057	YSLY-JZ 34 x 0,5 bk 0,6/1kV	520,00	163,00	19,80	black



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product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
00107030	YSLY-OZ 2 x 0,75 bk 0,6/1kV	66,00	14,40	6,80	black
00107017	YSLY-JZ 3 x 0,75 bk 0,6/1kV	108,00	21,60	6,80	black
00107029	YSLY-OZ 3 x 0,75 bk 0,6/1kV	108,00	21,60	6,80	black
00107039	YSLY-JZ 4 x 0,75 bk 0,6/1kV	126,00	29,00	8,00	black
00107079	YSLY-OZ 4 x 0,75 bk0,6/1kV	126,00	29,00	8,00	black
00107033	YSLY-JZ 5 x 0,75 bk 0,6/1kV	140,00	36,00	8,80	black
00107038	YSLY-JZ 7 x 0,75 bk 0,6/1kV	190,00	50,00	10,70	black
00107040	YSLY-JZ 12 x 0,75 bk 0,6/1kV	257,00	86,00	13,10	black
00107032	YSLY-JZ 18 x 0,75 bk 0,6/1kV	362,00	130,00	15,60	black
00107058	YSLY-JZ 25 x 0,75 bk 0,6/1kV	486,00	180,00	18,90	black
00107059	YSLY-JZ 32 x 0,75 bk 0,6/1kV	595,00	230,00	20,50	black
00107060	YSLY-JZ 34 x 0,75 bk 0,6/1kV	638,00	245,00	21,50	black
00107021	YSLY-OZ 2 x 1 bk 0,6/1kV	80,00	19,20	7,40	black
00107020	YSLY-JZ 3 x 1 bk 0,6/1kV	90,00	29,00	8,00	black
00107065	YSLY-OZ 3 x 1 bk 0,6/1kV	90,00	29,00	8,00	black
00107022	YSLY-JZ 4 x 1 bk 0,6/1kV	100,00	38,40	8,80	black
00107094	YSLY-OZ 4 x 1 bk 0,6/1kV	100,00	38,40	8,80	black
00107015	YSLY-JZ 5 x 1 bk 0,6/1kV	130,00	48,00	9,80	black
00107018	YSLY-JZ 7 x 1 bk 0,6/1kV	170,00	67,00	11,70	black
00107051	YSLY-JZ 8 x 1 bk 0,6/1kV	230,00	77,00	12,80	black
00107066	YSLY-JZ 10 x 1 bk 0,6/1kV	270,00	96,00	14,10	black
00107014	YSLY-JZ 12 x 1 bk 0,6/1kV	290,00	115,00	14,50	black
00107050	YSLY-JZ 14 x 1 bk 0,6/1kV	320,00	134,00	15,50	black
00107045	YSLY-JZ 18 x 1 bk 0,6/1kV	405,00	173,00	17,30	black
00107049	YSLY-JZ 25 x 1 bk 0,6/1kV	570,00	240,00	21,10	black
00107061	YSLY-JZ 34 x 1 bk 0,6/1kV	750,00	326,00	24,00	black
00107028	YSLY-OZ 2 x 1,5 bk 0,6/1kV	95,00	29,00	8,40	black
00107016	YSLY-JZ 3 x 1,5 bk 0,6/1kV	110,00	43,00	9,10	black
00107001	YSLY-JZ 4 x 1,5 bk 0,6/1kV	141,00	58,00	9,90	black



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product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
00107002	YSLY-JZ 5 x 1,5 bk 0,6/1kV	170,00	72,00	11,00	black
00107003	YSLY-JZ 7 x 1,5 bk 0,6/1kV	225,00	101,00	13,30	black
00107067	YSLY-JZ 10 x 1,5 bk 0,6/1kV	300,00	144,00	15,90	black
00107026	YSLY-JZ 12 x 1,5 bk 0,6/1kV	370,00	173,00	16,60	black
00107005	YSLY-JZ 14 x 1,5 bk 0,6/1kV	400,00	202,00	17,40	black
00107047	YSLY-JZ 18 x 1,5 bk 0,6/1kV	520,00	259,00	19,70	black
00107027	YSLY-JZ 25 x 1,5 bk 0,6/1kV	730,00	360,00	23,90	black
00107031	YSLY-JZ 32 x 1,5 bk 0,6/1kV	880,00	461,00	26,00	black
00107037	YSLY-JZ 34 x 1,5 bk 0,6/1kV	950,00	490,00	27,20	black
00107044	YSLY-JZ 42 x 1,5 bk 0,6/1kV	1120,00	605,00	29,50	black
00107073	YSLY-JZ 50 x 1,5 bk 0,6/1kV	1450,00	720,00	29,80	black
00107068	YSLY-OZ 2 x 2,5 bk 0,6/1kV	112,00	48,00	8,30	black
00107046	YSLY-JZ 3 x 2,5 bk 0,6/1kV	175,00	72,00	9,90	black
00107006	YSLY-JZ 4 x 2,5 bk 0,6/1kV	203,00	96,00	11,10	black
00107042	YSLY-JZ 5 x 2,5 bk 0,6/1kV	251,00	120,00	12,40	black
00107007	YSLY-JZ 7 x 2,5 bk 0,6/1kV	330,00	168,00	15,00	black
00107043	YSLY-JZ 12 x 2,5 bk 0,6/1kV	553,00	288,00	18,40	black
00107048	YSLY-JZ 18 x 2,5 bk 0,6/1kV	795,00	432,00	22,00	black
00107062	YSLY-JZ 25 x 2,5 bk 0,6/1kV	1110,00	600,00	26,90	black
00107063	YSLY-JZ 34 x 2,5 bk 0,6/1kV	1450,00	816,00	30,40	black
00107013	YSLY-OZ 2 x 4 bk 0,6/1kV	180,00	77,00	11,40	black
00107077	YSLY-JZ 3 x 4 bk 0,6/1kV	230,00	115,00	12,30	black
00107008	YSLY-JZ 4 x 4 bk 0,6/1kV	310,00	154,00	13,80	black
00107041	YSLY-JZ 5 x 4 bk 0,6/1kV	410,00	192,00	15,30	black
00107009	YSLY-JZ 7 x 4 bk 0,6/1kV	540,00	269,00	16,80	black
00107070	YSLY-JZ 1 x 6 bk 0,6/1kV	118,00	58,00	7,80	black
00107010	YSLY-JZ 4 x 6 bk 0,6/1kV	430,00	230,00	15,60	black
00107034	YSLY-JZ 5 x 6 bk 0,6/1kV	650,00	288,00	17,30	black
00107075	YSLY-JZ 5 x 10 bk 0,6/1kV	960,00	480,00	20,50	black
00107011	YSLY-JZ 4 x 10 bk 0,6/1kV	790,00	384,00	18,60	black
00107071	YSLY-JZ 1 x 16 bk 0,6/1kV	250,00	154,00	10,00	black
00107012	YSLY-JZ 4 x 16 bk 0,6/1kV	1100,00	614,00	21,50	black
00107019	YSLY-JZ 5 x 16 bk 0,6/1kV	1600,00	768,00	24,10	black



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00107069	YSLY-JZ 4 x 25 bk 0,6/1kV	1600,00	960,00	26,90	black
00107074	YSLY-JZ 5 x 25 bk 0,6/1kV	2050,00	1200,00	30,30	black
00107036	YSLY-JZ 4 x 35 bk 0,6/1kV	2400,00	1344,00	29,40	black
00107064	YSLY-JZ 4 x 50 bk 0,6/1kV	2930,00	1920,00	35,80	black
00107035	YSLY-JZ 4 x 70 bk 0,6/1kV	4400,00	2688,00	41,00	black
00107076	YSLY-JZ 4 x 95 bk 0,6/1kV	6010,00	3648,00	48,00	black
00107080	YSLY-JZ 4 x 150 bk 0,6/1kV	8640,00	5760,00	61,30	black

