



Flexible control cables - YSLYCY 0,6/1 kV (EMC-type)

- flame-retardant IEC 60332-1



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	black, number-coded, with/without GN/YE-protection conductor
Inner sheath	PVC
Inner sheath colour	black
Screening	Cu-braiding, tinned
Outer sheath	PVC
Outer sheath colour	black
Temperature range min.	-30 °C
Temperature range max.	+70 °C
Nominal voltage U ₀ /U	0,6/1 kV
Test voltage	4000 V
Insulation resistance	>20 MΩ x km
Minimum bending radius mobile operation	10 x cable-Ø
RoHS-compliant	yes

Description

For use in measurement, control and tax purposes on conveyor belts, machine tools, production lines, in foundries and steel mills and in air conditioning. The cables are suitable for medium duty for flexible use with free movement without tensile stress or a forced movements in dry, damp and wet rooms. Outdoors (fixed installation).

Note

- flame-retardant IEC 60332-1
- UV-resistant

Product table

product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
00120052	YSLYCY-OZ 0,6/1 kV 2 x 0,5 bk	129,00	30,00	8,60	black
00120036	YSLYCY-JZ 0,6/1 kV 3 G 0,5 bk	150,00	45,00	8,60	black
00120034	YSLYCY-JZ 0,6/1 kV 4 G 0,5 bk	170,00	55,00	9,40	black
00120037	YSLYCY-JZ 0,6/1 kV 5 G 0,5 bk	199,00	66,00	10,10	black
00120031	YSLYCY-JZ 0,6/1 kV 7 G 0,5 bk	235,00	75,00	12,10	black
00120004	YSLYCY-JZ 0,6/1 kV 12 G 0,5 bk	320,00	130,00	14,70	black



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00120038	YSLYCY-JZ 0,6/1 kV 18 G 0,5 bk	428,00	170,00	17,30	black
00120039	YSLYCY-JZ 0,6/1 kV 25 G 0,5 bk	503,00	230,00	20,60	black
00120050	YSLYCY-OZ 0,6/1 kV 2 x 0,75 bk	143,00	49,00	8,70	black
00120023	YSLYCY-JZ 0,6/1 kV 3 G 0,75 bk	155,00	57,00	9,00	black
00120033	YSLYCY-JZ 0,6/1 kV 4 G 0,75 bk	190,00	68,00	9,90	black
00120083	YSLYCY-OZ 0,6/1 kV 4 x 0,75 bk	190,00	68,00	9,90	black
00120040	YSLYCY-JZ 0,6/1 kV 5 G 0,75 bk	228,00	79,00	10,80	black
00120026	YSLYCY-JZ 0,6/1 kV 7 G 0,75 bk	323,00	96,00	13,00	black
00120003	YSLYCY-JZ 0,6/1 kV 12 G 0,75 bk	410,00	169,00	15,80	black
00120041	YSLYCY-JZ 0,6/1 kV 18 G 0,75 bk	560,00	224,00	17,90	black
00120042	YSLYCY-JZ 0,6/1 kV 25 G 0,75 bk	730,00	292,00	22,80	black
00120017	YSLYCY-OZ 0,6/1 kV 2 x 1 bk	150,00	54,00	9,40	black
00120018	YSLYCY-JZ 0,6/1 kV 3 x 1 bk	163,00	67,00	9,80	black
00120009	YSLYCY-JZ 0,6/1 kV 4 x 1 bk	200,00	78,00	10,80	black
00120001	YSLYCY-JZ 0,6/1 kV 5 x 1 bk	239,00	94,00	12,10	black
00120006	YSLYCY-JZ 0,6/1 kV 7 x 1 bk	289,00	122,00	14,50	black
00120002	YSLYCY-JZ 0,6/1 kV 12 x 1 bk	464,00	201,00	17,40	black
00120005	YSLYCY-JZ 0,6/1 kV 18 x 1 bk	628,00	275,00	20,70	black
00120015	YSLYCY-JZ 0,6/1 kV 25 x 1 bk	855,00	364,00	24,80	black
00120016	YSLYCY-OZ 0,6/1 kV 2 x 1,5 bk	162,00	68,00	10,20	black
00120013	YSLYCY-JZ 0,6/1 kV 3 x 1,5 bk	187,00	87,00	10,90	black
00120008	YSLYCY-JZ 0,6/1 kV 4 x 1,5 bk	240,00	104,00	12,20	black
00120035	YSLYCY-JZ 0,6/1 kV 5 x 1,5 bk	289,00	125,00	13,30	black



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00120012	YSLYCY-JZ 0,6/1 kV 7 x 1,5 bk	383,00	180,00	16,00	black
00120011	YSLYCY-JZ 0,6/1 kV 12 x 1,5 bk	592,00	284,00	19,60	black
00120043	YSLYCY-JZ 0,6/1 kV 18 x 1,5 bk	806,00	390,00	23,40	black
00120044	YSLYCY-JZ 0,6/1 kV 25 x 1,5 bk	521,00	521,00	28,20	black
00120053	YSLYCY-OZ 0,6/1 kV 2 x 2,5 bk	272,00	99,00	11,50	black
00120014	YSLYCY-JZ 0,6/1 kV 3 x 2,5 bk	298,00	124,00	12,20	black
00120024	YSLYCY-JZ 0,6/1 kV 4 x 2,5 bk	345,00	170,00	13,40	black
00120030	YSLYCY-JZ 0,6/1 kV 5 x 2,5 bk	427,00	202,00	14,90	black
00120045	YSLYCY-JZ 0,6/1 kV 7 x 2,5 bk	561,00	268,00	17,90	black
00120046	YSLYCY-JZ 0,6/1 kV 12 x 2,5 bk	857,00	470,00	21,90	black
00120047	YSLYCY-JZ 0,6/1 kV 18 x 2,5 bk	1355,00	572,00	26,10	black
00120048	YSLYCY-JZ 0,6/1 kV 25 x 2,5 bk	1995,00	740,00	31,90	black
00120054	YSLYCY-OZ 0,6/1 kV 2 x 4 bk	306,00	135,00	14,30	black
00120055	YSLYCY-JZ 0,6/1 kV 3 G 4 bk	391,00	178,00	15,10	black
00120019	YSLYCY-JZ 0,6/1 kV 4 x 4 bk	527,00	238,00	16,70	black
00120010	YSLYCY-JZ 0,6/1 kV 5 x 4 bk	700,00	303,00	18,60	black
00120020	YSLYCY-JZ 0,6/1 kV 7 x 4 bk	920,00	394,00	20,00	black
00120056	YSLYCY-JZ 0,6/1 kV 12 G 4 bk	1510,00	581,00	26,90	black
00120057	YSLYCY-OZ 0,6/1 kV 2 x 6 bk	420,00	194,00	16,00	black
00120058	YSLYCY-JZ 0,6/1 kV 3 G 6 bk	629,00	251,00	17,00	black
00120007	YSLYCY-JZ 0,6/1 kV 4 x 6 bk	731,00	361,00	18,50	black
00120029	YSLYCY-JZ 0,6/1 kV 5 x 6 bk	1105,00	442,00	20,70	black
00120059	YSLYCY-JZ 0,6/1 kV 7 G 6 bk	1465,00	561,00	23,00	black
00120060	YSLYCY-OZ 0,6/1 kV 2 x 10	845,00	265,00	18,40	black



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product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
	bk				
00120061	YSLYCY-JZ 0,6/1 kV 3 G 10 bk	1125,00	371,00	19,60	black
00120021	YSLYCY-JZ 0,6/1 kV 4 x 10 bk	774,00	576,00	21,90	black
00120062	YSLYCY-JZ 0,6/1 kV 5 G 10 bk	1635,00	620,00	24,10	black
00120063	YSLYCY-JZ 0,6/1 kV 7 G 10 bk	2210,00	842,00	26,80	black
00120064	YSLYCY-OZ 0,6/1 kV 2 x 16 bk	1150,00	407,00	22,00	black
00120065	YSLYCY-JZ 0,6/1 kV 3 G 16 bk	1395,00	653,00	23,50	black
00120025	YSLYCY-JZ 0,6/1 kV 4 x 16 bk	1092,50	807,00	26,40	black
00120027	YSLYCY-JZ 0,6/1 kV 5 x 16 bk	2720,00	940,00	28,80	black
00120066	YSLYCY-JZ 0,6/1 kV 7 G 16 bk	3213,00	1605,00	31,90	black
00120067	YSLYCY-JZ 0,6/1 kV 3 G 25 bk	2465,00	820,00	28,00	black
00120032	YSLYCY-JZ 0,6/1 kV 4 x 25 bk	1666,00	1174,00	32,50	black
00120068	YSLYCY-JZ 0,6/1 kV 5 G 25 bk	3490,00	1420,00	35,80	black
00120069	YSLYCY-JZ 0,6/1 kV 7 G 25 bk	4980,00	2140,00	39,00	black
00120070	YSLYCY-JZ 0,6/1 kV 3 G 35 bk	3230,00	1344,00	32,70	black
00120049	YSLYCY-JZ 0,6/1 kV 4 G 35 bk	2109,80	1686,00	35,70	black
00120028	YSLYCY-JZ 0,6/1 kV 5 x 35 bk	4950,00	2023,00	40,00	black
00120071	YSLYCY-JZ 0,6/1 kV 3 G 50 bk	4590,00	1460,00	37,30	black
00120022	YSLYCY-JZ 0,6/1 kV 4 x 50 bk	5780,00	2374,00	41,10	black
00120072	YSLYCY-JZ 0,6/1 kV 5 G 50 bk	7210,00	2890,00	45,20	black
00120073	YSLYCY-JZ 0,6/1 kV 3 G 70 bk	5610,00	2730,00	41,70	black
00120051	YSLYCY-JZ 0,6/1 kV 4 G 70 bk	7480,00	3257,00	48,00	black



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product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
00120074	YSLYCY-JZ 0,6/1 kV 5 G 70 bk	9390,00	4100,00	51,20	black
00120075	YSLYCY-JZ 0,6/1 kV 3 G 95 bk	8585,00	3236,00	46,40	black
00120076	YSLYCY-JZ 0,6/1 kV 4 G 95 bk	10220,00	4050,00	51,20	black
00120077	YSLYCY-JZ 0,6/1 kV 5 G 95 bk	13800,00	5264,00	56,50	black
00120078	YSLYCY-JZ 0,6/1 kV 3 G 120 bk	11105,00	4540,00	51,50	black
00120079	YSLYCY-JZ 0,6/1 kV 4 G 120 bk	13750,00	5231,00	56,00	black
00120080	YSLYCY-JZ 0,6/1 kV 4 G 150 bk	15990,00	6794,00	64,50	black
00120081	YSLYCY-JZ 0,6/1 kV 4 G 185 bk	18470,00	8104,00	71,00	black

