



Flexible control cables - YSLYCY (EMC-type)
Cu-screened transparent



Technical attributes

Standards	according to DIN VDE 0245, 0250 and 0281
Conductor material	Cu, bare
Conductor type	cable blanc, fine stranded
Conductor standard	DIN VDE 0295
Conductor category	5
Core insulation	PVC
Core structure	stranded
Core colours	black, number-coded, GN/YE-protection conductor
Inner sheath	PVC
Outer sheath	PVC
Outer sheath colour	transparent
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 ₀ /U	300/500 V
Test voltage	4000 V
Insulation resistance	20 mind. MΩ x km
Minimum bending radius mobile operation	7,5 x cable-Ø
oil-resistant	extensively
RoHS-compliant	yes
Screening	Cu-braiding, tinned

Description

For use as measuring, control and connection cable for machine tools, conveyor belts, tool machineries, plant installations, control and computer units in dry, damp or wet rooms at heavy stress. The braided copper screen serves as electromagnetic screen between the internal electric circuits and the surroundings. Ideally suitable for interference-free data and signal transmission in measuring and control technology. The transparent outer sheath gives the cable an optical reevaluation.

additional information

- flame-retardant acc. to VDE 0482-332-1-2, DIN EN 60332-1-2/IEC 60332-1 (equivalent to DIN VDE 0472-804 test method B)

Note

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Product table

product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
00106003	YSLYCY-OZ 2 x 0,5 transp.	74,00	30,00	7,50	transparent
00106114	YSLYCY-OB 2 x 0,5 transp.	74,00	30,00	7,50	transparent
00106002	YSLYCY-JZ 3 x 0,5 transp.	83,00	39,00	8,00	transparent



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00106085	YSLYCY-JB 3 x 0,5 transp.	83,00	39,00	8,00	transparent
00106004	YSLYCY-JZ 4 x 0,5 transp.	99,00	52,00	8,20	transparent
00106083	YSLYCY-OZ 4 x 0,5 transp.	99,00	52,00	8,20	transparent
00106005	YSLYCY-JZ 5 x 0,5 transp.	112,00	61,00	9,60	transparent
00106006	YSLYCY-JZ 7 x 0,5 transp.	132,00	75,00	9,90	transparent
00106007	YSLYCY-JZ 12 x 0,5 transp.	167,00	130,00	11,30	transparent
00106147	YSLYCY-JZ 14 x 0,5 transp.	223,00	148,00	11,90	transparent
00106008	YSLYCY-JZ 18 x 0,5 transp.	280,00	170,00	14,50	transparent
00106009	YSLYCY-JZ 25 x 0,5 transp.	410,00	292,00	16,70	transparent
00106010	YSLYCY-JZ 30 x 0,5 transp.	480,00	297,00	17,50	transparent
00106011	YSLYCY-JZ 40 x 0,5 transp.	600,00	343,00	20,00	transparent
00106012	YSLYCY-JZ 52 x 0,5 transp.	730,00	424,00	22,00	transparent
00106013	YSLYCY-JZ 61 x 0,5 transp.	840,00	479,00	25,00	transparent
00106014	YSLYCY-OZ 2 x 0,75 transp.	86,00	39,00	7,60	transparent
00106084	YSLYCY-OB 2 x 0,75 transp.	86,00	39,00	7,60	transparent
00106015	YSLYCY-JZ 3 x 0,75 transp.	100,00	57,00	8,00	transparent
00106129	YSLYCY-JB 3 x 0,75 transp.	100,00	57,00	8,00	transparent
00106134	YSLYCY-OZ 3 x 0,75 transp.	100,00	57,00	8,00	transparent
00106016	YSLYCY-JZ 4 x 0,75 transp.	93,30	68,00	8,00	transparent
00106101	YSLYCY-JB 4 x 0,75 transp.	115,00	68,00	8,60	transparent
00106135	YSLYCY-OZ 4 x 0,75 transp.	115,00	68,00	8,60	transparent
00106017	YSLYCY-JZ 5 x 0,75 transp.	130,00	79,00	9,00	transparent
00106128	YSLYCY-OB 5 x 0,75 transp.	130,00	79,00	9,00	transparent
00106018	YSLYCY-JZ 7 x 0,75 transp.	137,00	96,00	9,40	transparent
00106132	YSLYCY-JB 7 x 0,75 transp.	161,00	96,00	10,60	transparent
00106019	YSLYCY-JZ 12 x 0,75 transp.	199,00	169,00	11,90	transparent
00106133	YSLYCY-OZ 12 x 0,75 transp.	280,00	169,00	12,90	transparent
00106185	YSLYCY-JZ 12 x 0,75 gy	199,00	169,00	11,90	grey
00106020	YSLYCY-JZ 18 x 0,75 transp.	275,00	224,00	14,80	transparent
00106021	YSLYCY-JZ 25 x 0,75 transp.	372,80	292,00	16,20	transparent
00106186	YSLYCY-JZ 25 x 0,75 gy	372,80	292,00	16,20	grey
00106022	YSLYCY-JZ 34 x 0,75 transp.	475,00	473,00	20,90	transparent
00106023	YSLYCY-JZ 41 x 0,75 transp.	790,00	430,00	22,90	transparent



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product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
00106024	YSLYCY-JZ 50 x 0,75 transp.	950,00	695,00	24,50	transparent
00106025	YSLYCY-JZ 61 x 0,75 transp.	1100,00	798,00	26,20	transparent
00106026	YSLYCY-OZ 2 x 1 transp.	81,90	51,80	7,60	transparent
00106027	YSLYCY-JZ 3 x 1 transp.	95,20	67,00	7,90	transparent
00106130	YSLYCY-JB 3 x 1 transp.	111,00	67,00	9,00	transparent
00106188	YSLYCY-JZ 3 x 1 gy	95,20	67,00	7,90	grey
00106028	YSLYCY-JZ 4 x 1 transp.	126,20	78,00	8,70	transparent
00106189	YSLYCY-JZ 4 x 1 gy	126,20	78,00	8,70	grey
00106029	YSLYCY-JZ 5 x 1 transp.	153,00	94,00	10,20	transparent
00106030	YSLYCY-JZ 7 x 1 transp.	160,80	122,00	9,80	transparent
00106190	YSLYCY-JZ 7 x 1 gy	160,80	122,00	9,80	grey
00106031	YSLYCY-JZ 12 x 1 transp.	242,20	201,00	12,80	transparent
00106191	YSLYCY-JZ 12 x 1 gy	242,20	201,00	12,80	grey
00106032	YSLYCY-JZ 18 x 1 transp.	335,00	275,00	16,50	transparent
00106033	YSLYCY-JZ 25 x 1 transp.	450,00	374,00	19,60	transparent
00106034	YSLYCY-JZ 34 x 1 transp.	585,00	505,00	22,40	transparent
00106035	YSLYCY-JZ 41 x 1 transp.	811,30	578,00	21,40	transparent
00106192	YSLYCY-JZ 41 x 1 gy	811,30	578,00	21,40	grey
00106036	YSLYCY-JZ 50 x 1 transp.	1150,00	688,00	25,60	transparent
00106037	YSLYCY-JZ 61 x 1 transp.	1350,00	782,00	29,00	transparent
00106038	YSLYCY-OZ 2 x 1,5 transp.	101,90	68,00	8,10	transparent
00106124	YSLYCY-OB 2 x 1,5 transp.	132,00	68,00	9,30	transparent
00106039	YSLYCY-JZ 3 x 1,5 transp.	160,00	84,00	9,60	transparent
00106126	YSLYCY-JB 3 x 1,5 transp.	160,00	84,00	9,60	transparent
00106040	YSLYCY-JZ 4 x 1,5 transp.	178,00	104,00	9,90	transparent
00106094	YSLYCY-JB 4 x 1,5 transp.	178,00	104,00	9,90	transparent
00106041	YSLYCY-JZ 5 x 1,5 transp.	210,00	123,00	10,60	transparent
00106127	YSLYCY-OZ 5 x 1,5 transp.	210,00	123,00	10,60	transparent
00106042	YSLYCY-JZ 7 x 1,5 transp.	290,00	180,00	13,30	transparent
00106043	YSLYCY-JZ 12 x 1,5 transp.	305,00	284,00	16,00	transparent
00106044	YSLYCY-JZ 18 x 1,5 transp.	430,00	390,00	19,50	transparent
00106045	YSLYCY-JZ 25 x 1,5 transp.	590,00	521,00	22,60	transparent
00106046	YSLYCY-JZ 34 x 1,5 transp.	780,00	702,00	25,90	transparent



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00106047	YSLYCY-JZ 41 x 1,5 transp.	1280,00	845,00	28,30	transparent
00106048	YSLYCY-JZ 50 x 1,5 transp.	1600,00	1005,00	29,90	transparent
00106049	YSLYCY-JZ 61 x 1,5 transp.	1780,00	1212,00	33,10	transparent
00106050	YSLYCY-OZ 2 x 2,5 transp.	180,00	99,00	10,30	transparent
00106113	YSLYCY-OB 2 x 2,5 transp.	180,00	99,00	10,30	transparent
00106051	YSLYCY-JZ 3 x 2,5 transp.	171,70	124,00	10,20	transparent
00106136	YSLYCY-JB 3 x 2,5 transp.	171,70	124,00	10,20	transparent
00106194	YSLYCY-JZ 3 x 2,5 gy	171,70	124,00	10,20	grey
00106052	YSLYCY-JZ 4 x 2,5 transp.	250,00	170,00	12,30	transparent
00106121	YSLYCY-JB 4 x 2,5 transp.	250,00	170,00	12,30	transparent
00106053	YSLYCY-JZ 5 x 2,5 transp.	255,00	202,00	12,20	transparent
00106195	YSLYCY-JZ 5 x 2,5 gy	255,00	202,00	12,20	grey
00106054	YSLYCY-JZ 7 x 2,5 transp.	322,40	268,00	13,20	transparent
00106196	YSLYCY-JZ 7 x 2,5 gy	322,40	268,00	13,20	grey
00106055	YSLYCY-JZ 12 x 2,5 transp.	470,00	423,00	19,40	transparent
00106056	YSLYCY-JZ 18 x 2,5 transp.	635,00	598,00	23,50	transparent
00106057	YSLYCY-JZ 25 x 2,5 transp.	1027,00	740,00	27,50	transparent
00106131	YSLYCY-JZ 3 x 4 transp.	230,00	178,00	12,30	transparent
00106058	YSLYCY-JZ 4 x 4 transp.	403,00	239,00	15,70	transparent
00106099	YSLYCY-JB 4 x 4 transp.	403,00	239,00	15,70	transparent
00106059	YSLYCY-JZ 5 x 4 transp.	478,00	303,00	16,90	transparent
00106086	YSLYCY-JB 5 x 4 transp.	478,00	303,00	16,90	transparent
00106060	YSLYCY-JZ 7 x 4 transp.	420,00	394,00	18,80	transparent
00106061	YSLYCY-JZ 4 x 6 transp.	521,00	361,00	18,00	transparent
00106112	YSLYCY-JB 4 x 6 transp.	521,00	361,00	18,00	transparent
00106062	YSLYCY-JZ 5 x 6 transp.	510,50	442,00	16,80	transparent
00106087	YSLYCY-JB 5 x 6 transp.	510,50	442,00	16,80	transparent
00106197	YSLYCY-JZ 5 x 6 gy	510,50	442,00	16,80	grey
00106077	YSLYCY-JZ 7 x 6 transp.	907,00	561,00	22,20	transparent
00106064	YSLYCY-JZ 4 x 10 transp.	689,30	576,00	18,70	transparent
00106123	YSLYCY-JB 4 x 10 transp.	689,30	576,00	18,70	transparent
00106198	YSLYCY-JZ 4 x 10 gy	689,30	576,00	18,70	grey
00106065	YSLYCY-JZ 5 x 10 transp.	826,60	620,00	21,00	transparent



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product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
00106093	YSLYCY-JB 5 x 10 transp.	826,60	620,00	21,00	transparent
00106199	YSLYCY-JZ 5 x 10 gy	826,60	620,00	21,00	grey
00106066	YSLYCY-JZ 7 x 10 transp.	1060,00	842,00	26,00	transparent
00106067	YSLYCY-JZ 4 x 16 transp.	989,30	807,00	22,40	transparent
00106098	YSLYCY-JB 4 x 16 transp.	989,30	807,00	22,40	transparent
00106200	YSLYCY-JZ 4 x 16 gy	989,30	807,00	22,40	grey
00106068	YSLYCY-JZ 5 x 16 transp.	1233,10	1030,00	24,70	transparent
00106097	YSLYCY-JB 5 x 16 transp.	1233,10	1030,00	24,70	transparent
00106201	YSLYCY-JZ 5 x 16 gy	1233,10	1030,00	24,70	transparent
00106069	YSLYCY-JZ 4 x 25 transp.	1503,60	1174,00	28,40	transparent
00106092	YSLYCY-JB 4 x 25 transp.	1503,60	1174,00	28,40	transparent
00106202	YSLYCY-JZ 4 x 25 gy	1503,60	1174,00	28,40	grey
00106070	YSLYCY-JZ 5 x 25 transp.	1874,00	1420,00	36,30	transparent
00106109	YSLYCY-JB 5 x 25 transp.	1874,00	1420,00	36,30	transparent
00106071	YSLYCY-JZ 4 x 35 transp.	2260,00	1686,00	37,20	transparent
00106102	YSLYCY-JB 4 x 35 transp.	2260,00	1686,00	37,20	transparent
00106203	YSLYCY-JZ 4 x 35 gy	1931,90	1686,00	30,70	grey
00106175	YSLYCY-JB 4 x 35 gr	1931,90	1686,00	30,70	grey
00106073	YSLYCY-JZ 4 x 50 transp.	2909,60	2374,00	36,60	transparent
00106088	YSLYCY-JB 4 x 50 transp.	2909,60	2374,00	36,60	transparent
00106204	YSLYCY-JZ 4 x 50 gy	2909,60	2374,00	36,60	grey
00106074	YSLYCY-JZ 4 x 70 transp.	3719,00	3257,00	43,60	transparent
00106089	YSLYCY-JB 4 x 70 transp.	3719,00	3257,00	43,60	transparent
00106205	YSLYCY-JZ 4 x 70 gy	3719,00	3257,00	43,60	grey
00106075	YSLYCY-JZ 4 x 95 transp.	5354,20	4050,00	50,10	transparent
00106090	YSLYCY-JB 4 x 95 transp.	5354,20	4050,00	50,10	transparent
00106206	YSLYCY-JZ 4 x 95 gy	5354,20	4050,00	50,10	grey
00106076	YSLYCY-JZ 4 x 120 transp.	7230,00	5231,00	68,00	transparent
00106111	YSLYCY-JB 4 x 120 transp.	7230,00	5231,00	68,00	transparent