



Flexible control cables - YSLYAY steel wire braid



Technical attributes

Standards	adapted to DIN VDE 0245, 0281, 0293, 0295
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
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	20 x cable-Ø
oil-resistant	extensively
RoHS-compliant	yes
Screening	steel wire -networks

Description

For use as measuring and control cables in tool machineries, plant installations, power stations and in data equipment. The braided screen offers best possible protection against mechanical damage. The galvanized coating on the steel wire braid helps to protect against corrosion, and also notably improves the soldering performance. The transparent outer sheath gives the cable an optical reevaluation.

Note

steel wire braid

Product table

product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
00105002	YSLYAY-OZ 2 x 0,5 transp	80,00	9,60	8,00	transparent
00105003	YSLYAY-JZ 3 x 0,5 transp	90,00	14,40	8,50	transparent
00105004	YSLYAY-JZ 4 x 0,5 transp	101,00	19,20	9,00	transparent
00105005	YSLYAY-JZ 5 x 0,5 transp	118,00	24,00	10,50	transparent
00105006	YSLYAY-JZ 7 x 0,5 transp	155,00	33,60	11,00	transparent
00105117	YSLYAY-JZ 10 x 0,5 transp	205,00	48,00	11,50	transparent
00105007	YSLYAY-JZ 12 x 0,5 transp	217,00	58,00	13,00	transparent



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00105086	YSLYAY-JB 12 x 0,5 transp	217,00	58,00	13,00	transparent
00105008	YSLYAY-JZ 18 x 0,5 transp	340,00	86,00	15,00	transparent
00105009	YSLYAY-JZ 25 x 0,5 transp	405,00	120,00	17,00	transparent
00105010	YSLYAY-JZ 34 x 0,5 transp	480,00	163,00	18,40	transparent
00105011	YSLYAY-JZ 40 x 0,5 transp	560,00	192,00	20,50	transparent
00105012	YSLYAY-JZ 52 x 0,5 transp	690,00	250,00	23,00	transparent
00105013	YSLYAY-JZ 61 x 0,5 transp	840,00	293,00	24,60	transparent
00105014	YSLYAY-OZ 2 x 0,75 transp	97,00	15,00	8,50	transparent
00105015	YSLYAY-JZ 3 x 0,75 transp	102,00	22,00	9,00	transparent
00105016	YSLYAY-JZ 4 x 0,75 transp	120,00	29,00	9,50	transparent
00105017	YSLYAY-JZ 5 x 0,75 transp	140,00	36,00	10,60	transparent
00105018	YSLYAY-JZ 7 x 0,75 transp	180,00	50,00	11,50	transparent
00105019	YSLYAY-JZ 12 x 0,75 transp	290,00	86,00	14,00	transparent
00105020	YSLYAY-JZ 18 x 0,75 transp	380,00	130,00	16,00	transparent
00105021	YSLYAY-JZ 25 x 0,75 transp	500,00	180,00	17,80	transparent
00105022	YSLYAY-JZ 34 x 0,75 transp	660,00	245,00	20,50	transparent
00105023	YSLYAY-JZ 40 x 0,75 transp	730,00	288,00	22,50	transparent
00105024	YSLYAY-JZ 50 x 0,75 transp	920,00	360,00	24,60	transparent
00105087	YSLYAY-JB 50 x 0,75 transp	920,00	360,00	24,60	transparent
00105025	YSLYAY-JZ 61 x 0,75 transp	1080,00	439,00	25,90	transparent
00105026	YSLYAY-OZ 2 x 1 transp	110,00	19,20	9,00	transparent
00105027	YSLYAY-JZ 3 x 1 transp	130,00	29,00	9,50	transparent
00105028	YSLYAY-JZ 4 x 1 transp	140,00	38,40	10,00	transparent
00105029	YSLYAY-JZ 5 x 1 transp	160,00	48,00	11,00	transparent
00105030	YSLYAY-JZ 7 x 1 transp	200,00	67,00	11,90	transparent
00105031	YSLYAY-JZ 9 x 1 transp	290,00	86,40	14,40	transparent
00105032	YSLYAY-JZ 12 x 1 transp	330,00	115,00	15,00	transparent
00105033	YSLYAY-JZ 18 x 1 transp	490,00	173,00	17,10	transparent
00105034	YSLYAY-JZ 25 x 1 transp	620,00	240,00	20,00	transparent
00105035	YSLYAY-JZ 34 x 1 transp	820,00	326,00	22,50	transparent
00105036	YSLYAY-JZ 40 x 1 transp	940,00	384,00	23,80	transparent
00105037	YSLYAY-JZ 50 x 1 transp	1110,00	480,00	25,60	transparent
00105038	YSLYAY-JZ 61 x 1 transp	1300,00	586,00	27,20	transparent



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product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
00105039	YSLYAY-OZ 2 x 1,5 transp	125,00	29,00	10,00	transparent
00105040	YSLYAY-JZ 3 x 1,5 transp	146,00	43,00	10,50	transparent
00105041	YSLYAY-JZ 4 x 1,5 transp	190,00	58,00	11,50	transparent
00105042	YSLYAY-JZ 5 x 1,5 transp	209,00	72,00	12,50	transparent
00105043	YSLYAY-JZ 7 x 1,5 transp	280,00	101,00	13,60	transparent
00105102	YSLYAY-JB 7 x 1,5 transp	280,00	101,00	13,60	transparent
00105044	YSLYAY-JZ 12 x 1,5 transp	440,00	173,00	16,90	transparent
00105084	YSLYAY-JZ 18 x 1,5 transp	590,00	259,00	20,00	transparent
00105046	YSLYAY-JZ 25 x 1,5 transp	780,00	360,00	23,20	transparent
00105047	YSLYAY-JZ 34 x 1,5 transp	1120,00	490,00	26,00	transparent
00105048	YSLYAY-JZ 41 x 1,5 transp	1360,00	591,00	28,40	transparent
00105049	YSLYAY-JZ 50 x 1,5 transp	1582,00	720,00	30,50	transparent
00105050	YSLYAY-JZ 61 x 1,5 transp	1800,00	878,00	31,80	transparent
00105051	YSLYAY-OZ 2 x 2,5 transp	185,00	48,00	10,80	transparent
00105052	YSLYAY-JZ 3 x 2,5 transp	245,00	72,00	13,00	transparent
00105053	YSLYAY-JZ 4 x 2,5 transp	290,00	96,00	14,50	transparent
00105104	YSLYAY-JB 4 x 2,5 transp	290,00	96,00	14,50	transparent
00105054	YSLYAY-JZ 5 x 2,5 transp	340,00	120,00	15,50	transparent
00105103	YSLYAY-JB 5 x 2,5 transp	340,00	120,00	15,50	transparent
00105055	YSLYAY-JZ 7 x 2,5 transp	415,00	168,00	16,80	transparent
00105056	YSLYAY-JZ 12 x 2,5 transp	650,00	288,00	21,90	transparent
00105057	YSLYAY-JZ 18 x 2,5 transp	890,00	432,00	25,40	transparent
00105058	YSLYAY-JZ 25 x 2,5 transp	1450,00	600,00	29,90	transparent
00105059	YSLYAY-JZ 34 x 2,5 transp	1800,00	816,00	33,60	transparent
00105060	YSLYAY-JZ 50 x 2,5 transp	2200,00	1200,00	39,40	transparent
00105061	YSLYAY-JZ 61 x 2,5 transp	2990,00	1464,00	41,50	transparent
00105063	YSLYAY-JZ 3 x 4 transp	401,00	134,00	15,30	transparent
00105064	YSLYAY-JZ 4 x 4 transp	425,00	154,00	16,50	transparent
00105105	YSLYAY-JB 4 x 4 transp	425,00	154,00	16,50	transparent
00105065	YSLYAY-JZ 5 x 4 transp	496,00	192,00	17,60	transparent
00105096	YSLYAY-JB 5 x 4 transp	496,00	192,00	17,60	transparent
00105066	YSLYAY-JZ 7 x 4 transp	635,00	269,00	20,10	transparent
00105067	YSLYAY-JZ 4 x 6 transp	570,00	230,00	18,20	transparent



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00105088	YSLYAY-JB 4 x 6 transp	570,00	230,00	18,20	transparent
00105083	YSLYAY-JZ 5 x 6 transp	670,00	288,00	20,20	transparent
00105069	YSLYAY-JZ 7 x 6 transp	840,00	403,00	21,90	transparent
00105070	YSLYAY-JZ 4 x 10 transp	940,00	384,00	22,00	transparent
00105097	YSLYAY-JB 4 x 10 transp	940,00	384,00	22,00	transparent
00105071	YSLYAY-JZ 5 x 10 transp	1060,00	480,00	24,10	transparent
00105072	YSLYAY-JZ 7 x 10 transp	1550,00	672,00	25,90	transparent
00105073	YSLYAY-JZ 4 x 16 transp	1350,00	614,00	25,50	transparent
00105098	YSLYAY-JB 4 x 16 transp	1350,00	614,00	25,50	transparent
00105074	YSLYAY-JZ 5 x 16 transp	1730,00	768,00	27,50	transparent
00105119	YSLYAY-JB 5 x 16 transp	1730,00	768,00	27,50	transparent
00105075	YSLYAY-JZ 7 x 16 transp	2160,00	1075,20	31,00	transparent
00105076	YSLYAY-JZ 4 x 25 transp	2000,00	960,00	29,40	transparent
00105089	YSLYAY-JB 4 x 25 transp	2000,00	960,00	29,40	transparent
00105077	YSLYAY-JZ 5 x 25 transp	2400,00	1200,00	32,10	transparent
00105106	YSLYAY-JB 5 x 25 transp	2400,00	1200,00	32,10	transparent
00105078	YSLYAY-JZ 4 x 35 transp	2500,00	1344,00	34,80	transparent
00105090	YSLYAY-JB 4 x 35 transp	2500,00	1344,00	34,80	transparent
00105079	YSLYAY-JZ 5 x 35 transp	3000,00	1680,00	37,40	transparent
00105109	YSLYAY-JB 5 x 35 transp	3000,00	1680,00	37,40	transparent
00105080	YSLYAY-JZ 4 x 50 transp	3500,00	1920,00	40,30	transparent
00105091	YSLYAY-JB 4 x 50 transp	3500,00	1920,00	40,30	transparent
00105081	YSLYAY-JZ 4 x 70 transp	4500,00	2688,00	44,60	transparent
00105092	YSLYAY-JB 4 x 70 transp	4500,00	2688,00	44,60	transparent
00105082	YSLYAY-JZ 4 x 95 transp	6200,00	3648,00	51,70	transparent
00105099	YSLYAY-JB 4 x 95 transp	6200,00	3648,00	51,70	transparent