YSLCY-JZ



Application

For use as a data cable in control circuits, in tool-making and machine industries as well as a signal cable in computer systems and electronics. The more usual PVC inner sheath has been replaced in these cables by a stabilising foil separator, thus reducing the total diameter of the cables considerably and thereby reducing the bending radius, total weight etc. The high covering percentage of the copper screening offers interference-free signal transfer etc. The dense screening assures disturbance-free transmission of all signals and im- pulses. An ideal disturbance-free control cable for the above application.

The materials used are free from silicon and cadmium and free from varnish damaging sustances.

Standards

adapted to DIN VDE 0245, 0285-525-2-31,
self-extinguishing and flame retardant acc. to VDE 0482-332-1-2, DIN EN 60332-1-2, IEC 60332-1

CE = The product is conformed with the EC Low-Voltage Directive 2014/35/EU.

Construction

Inner Conductor	bare copper fine-stranded acc. DIN VDE 0295 cl. 5 / IEC 60228 cl. 5
Core Insulation	polyvinyl chloride (PVC)
Core Color	black cores with continuous white numbering according to DIN VDE 0293 green-yellow earth core in the outer layer (3 cores and above)
Stranding Elements	cores stranded in layers with optimal lay-length
Overall Shielding	braid shield copper tinned
Outer Insulation Material	polyvinyl chloride (PVC)
Constant Against	extensively oil resistant

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Technical Data

Nominal Voltage	U_0/U: 300 /500 V
Nominal Volatage DC	U_0/U: 413 /825 V
Test Voltage	2500 V
Bending Radius moved (xD)	20
Bending Radius fixed (xD)	10
Operating Temperature solid	-30 °C bis 70 °C
Operating Temperature moving	-5 °C bis 70 °C
Fire Classes	Eca

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Steuerleitungen
Control Cables

Prod. Nr. Prod. Nr.	Option Option	Dimensions Dimensions	Color Color	Weight (kg/km) approx. Weight (kg/km) approx.	Outer-Diameter (mm) approx. Outer-Diameter (mm) approx.
00904001	JZ	3 G 0,5	grey - grey	45,0	6,0
00904009	JZ	3 G 0,75	grey - grey	56,0	6,4
00904023	JZ	3 G 1,0	grey - grey	65,0	6,9
00904033	JZ	3 G 1,5	grey - grey	86,0	8,0
00904046	JZ	3 G 2,5	grey - grey	135,0	9,4
00904126	JZ	3 G 4	grey - grey	240,0	11,5
00904128	JZ	3 G 6	grey - grey	330,0	13,0
00904190	JZ	3 G 10	grey - grey	500,0	18,0
00904002	JZ	4 G 0,5	grey - grey	55,0	6,5
00904010	JZ	4 G 0,75	grey - grey	67,0	7,0
00904024	JZ	4 G 1,0	grey - grey	77,0	7,5
00904034	JZ	4 G 1,5	grey - grey	106,0	8,7
00904047	JZ	4 G 2,5	grey - grey	196,0	10,2
00904050	JZ	4 G 4	grey - grey	310,0	12,7
00904052	JZ	4 G 6	grey - grey	415,0	14,5
00904055	JZ	4 G 10	grey - grey	783,0	18,5
00904057	JZ	4 G 16	grey - grey	1.000,0	21,5
00904117	JZ	4 G 25	grey - grey	1.480,0	24,6
00904144	JZ	4 G 35	grey - grey	1.990,0	28,4
00904145	JZ	4 G 50	grey - grey	3.148,0	33,5
00904146	JZ	4 G 70	grey - grey	4.328,0	44,4
00904003	JZ	5 G 0,5	grey - grey	64,0	6,9
00904012	JZ	5 G 0,75	grey - grey	78,0	7,6
00904025	JZ	5 G 1,0	grey - grey	90,0	8,3

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00904035	JZ	5 G 1,5	grey - grey	143,0	9,6
00904048	JZ	5 G 2,5	grey - grey	223,0	11,3
00904051	JZ	5 G 4	grey - grey	400,0	14,1
00904053	JZ	5 G 6	grey - grey	509,0	16,1
00904056	JZ	5 G 10	grey - grey	856,0	20,7
00904058	JZ	5 G 16	grey - grey	1.290,0	23,4
00904059	JZ	5 G 25	grey - grey	1.965,0	27,4
00904186	JZ	6 G 0,5	grey - grey	79,0	7,4
00904185	JZ	6 G 1,0	grey - grey	120,0	8,5
00904004	JZ	7 G 0,5	grey - grey	95,0	7,4
00904013	JZ	7 G 0,75	grey - grey	100,0	8,5
00904026	JZ	7 G 1,0	grey - grey	135,0	9,0
00904036	JZ	7 G 1,5	grey - grey	205,0	10,7
00904049	JZ	7 G 2,5	grey - grey	304,0	13,5
00904137	JZ	7 G 4	grey - grey	500,0	16,0
00904136	JZ	7 G 6	grey - grey	672,0	18,2
00904156	JZ	7 G 10	grey - grey	1.300,0	22,5
00904184	JZ	8 G 0,75	grey - grey	120,0	9,2
00904187	JZ	8 G 1,0	grey - grey	197,0	9,9
00904149	JZ	10 G 0,5	grey - grey	120,0	9,0
00904014	JZ	10 G 0,75	grey - grey	150,0	10,5
00904177	JZ	10 G 1,0	grey - grey	230,0	10,8
00904037	JZ	10 G 1,5	grey - grey	286,0	13,5
00904157	JZ	10 G 2,5	grey - grey	380,0	16,2

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00904005	JZ	12 G 0,5	grey - grey	160,0	9,7
00904015	JZ	12 G 0,75	grey - grey	178,0	10,9
00904027	JZ	12 G 1,0	grey - grey	240,0	11,7
00904038	JZ	12 G 1,5	grey - grey	318,0	14,0
00904132	JZ	12 G 2,5	grey - grey	522,0	16,7
00904170	JZ	14 G 0,5	grey - grey	168,0	10,0
00904133	JZ	14 G 0,75	grey - grey	195,0	11,6
00904039	JZ	14 G 1,5	grey - grey	383,0	15,0
00904180	JZ	16 G 0,5	grey - grey	180,0	10,7
00904183	JZ	16 G 1,0	grey - grey	300,0	13,4
00904217	JZ	16 G 1,5	grey - grey	424,0	14,4
00904006	JZ	18 G 0,5	grey - grey	197,0	11,4
00904016	JZ	18 G 0,75	grey - grey	252,0	12,0
00904028	JZ	18 G 1,0	grey - grey	330,0	13,9
00904040	JZ	18 G 1,5	grey - grey	439,0	17,0
00904197	JZ	18 G 2,5	grey - grey	681,0	18,9
00904210	JZ	19 G 0,5	grey - grey	207,0	11,5
00904198	JZ	19 G 1,0	grey - grey	412,0	13,5
00904121	JZ	19 G 1,5	grey - grey	545,0	17,1
00904150	JZ	20 G 0,5	grey - grey	210,0	11,8
00904017	JZ	21 G 0,75	grey - grey	298,0	14,0
00904203	JZ	21 G 1,5	grey - grey	600,0	18,0
00904204	JZ	24 G 1,5	grey - grey	690,0	18,3
00904007	JZ	25 G 0,5	grey - grey	284,0	12,4

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00904019	JZ	25 G 0,75	grey - grey	349,0	15,5
00904029	JZ	25 G 1,0	grey - grey	534,0	16,8
00904041	JZ	25 G 1,5	grey - grey	680,0	19,5
00904148	JZ	25 G 2,5	grey - grey	1.083,0	23,8
00904042	JZ	27 G 1,5	grey - grey	810,0	19,8
00904206	JZ	30 G 0,5	grey - grey	330,0	14,4
00904020	JZ	34 G 0,75	grey - grey	402,0	17,5
00904031	JZ	34 G 1,0	grey - grey	741,0	17,5
00904044	JZ	34 G 1,5	grey - grey	901,0	20,9
00904171	JZ	35 G 1,5	grey - grey	922,0	22,7
00904192	JZ	36 G 0,75	grey - grey	435,0	16,9
00904008	JZ	40 G 0,5	grey - grey	435,0	16,5
00904158	JZ	40 G 0,75	grey - grey	530,0	19,0
00904227	JZ	41 G 1,5	grey - grey	1.071,0	22,2
00904022	JZ	50 G 0,75	grey - grey	677,0	20,9
00904032	JZ	50 G 1,0	grey - grey	995,0	25,8
00904045	JZ	50 G 1,5	grey - grey	1.440,0	27,4
00904229	JZ	61 G 0,5	grey - grey	653,0	19,7

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