YSLYCY-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 impulses. 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.

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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.

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Construction

Inner Conductor	fine-stranded bare copper acc. DIN VDE 0295 cl. 5 / IEC 60228 cl. 5
Core Insulation	polyvinylchlorid compound (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 optimalbr>lay-length
Inner Sheath Material	special PVC inner sheath, TM2 to DIN VDE 0281 part 1
Overall Shielding	braid shield copper tinned
Outer Insulation Material	special PVC transparent
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
Test Voltage	2500 V
Bending Radius moved (xD)	10
Bending Radius fixed (xD)	0
Operating Temperature solid	-40 °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.
00905144	JZ	3 x 0,75	grey - grey	120,0	8,5
00905078	JZ	3 x 0,75	tranparent - tranparent	120,0	8,5
00905154	JZ	3 x 1	grey - grey	140,0	9,5
00905038	JZ	3 x 1	tranparent - tranparent	140,0	9,5
00905164	JZ	3 x 1,5	grey - grey	172,0	10,5
00905028	JZ	3 x 1,5	tranparent - tranparent	172,0	10,5
00905167	JZ	3 x 2,5	grey - grey	230,0	11,5
00905092	JZ	3 x 2,5	tranparent - tranparent	230,0	11,5
00905088	JZ	3 x 4	tranparent - tranparent	340,0	12,3
00905108	JZ	3 x 6	tranparent - tranparent	450,0	15,6
00905145	JZ	4 x 0,5	grey - grey	120,0	7,8
00905083	JZ	4 x 0,5	tranparent - tranparent	120,0	7,8
00905146	JZ	4 x 0,75	grey - grey	130,0	9,0
00905102	JZ	4 x 0,75	tranparent - tranparent	130,0	9,0
00905155	JZ	4 x 1	grey - grey	180,0	9,5
00905064	JZ	4 x 1	tranparent - tranparent	180,0	9,5
00905134	JZ	4 x 1,5	grey - grey	197,0	10,8
00905029	JZ	4 x 1,5	tranparent - tranparent	197,0	10,8
00905055	JZ	4 x 2,5	grey - grey	300,0	13,1
00905012	JZ	4 x 2,5	tranparent - tranparent	300,0	13,1
00905076	JZ	4 x 4	grey - grey	410,0	14,0
00905044	JZ	4 x 4	tranparent - tranparent	410,0	14,0
00905093	JZ	4 x 6	grey - grey	560,0	14,5
00905043	JZ	4 x 6	tranparent - tranparent	560,0	14,5

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00905042	JZ	4 x 10	grey - grey	920,0	21,2
00905077	JZ	4 x 10	tranparent - tranparent	920,0	21,2
00905175	JZ	4 x 16	grey - grey	1.120,0	24,0
00905041	JZ	4 x 16	tranparent - tranparent	1.120,0	24,0
00905037	JZ	4 x 25	tranparent - tranparent	1.994,0	29,0
00905032	JZ	4 x 35	tranparent - tranparent	2.042,0	32,0
00905058	JZ	4 x 50	tranparent - tranparent	2.822,0	38,0
00905070	JZ	4 x 70	tranparent - tranparent	3.802,0	44,0
00905104	JZ	4 x 95	tranparent - tranparent	5.003,0	50,0
00905120	JZ	5 x 0,5	tranparent - tranparent	108,0	8,3
00905147	JZ	5 x 0,75	grey - grey	150,0	10,0
00905050	JZ	5 x 0,75	tranparent - tranparent	150,0	10,0
00905133	JZ	5 x 1	grey - grey	180,0	10,5
00905065	JZ	5 x 1	tranparent - tranparent	180,0	10,5
00905009	JZ	5 x 1,5	grey - grey	230,0	12,0
00905061	JZ	5 x 1,5	tranparent - tranparent	230,0	12,0
00905168	JZ	5 x 2,5	grey - grey	320,0	13,5
00905117	JZ	5 x 2,5	tranparent - tranparent	320,0	13,5
00905128	JZ	5 x 4	grey - grey	502,0	14,8
00905100	JZ	5 x 4	tranparent - tranparent	502,0	14,8
00905174	JZ	5 x 6	grey - grey	750,0	17,0
00905101	JZ	5 x 6	tranparent - tranparent	750,0	17,0
00905177	JZ	5 x 10	grey - grey	892,0	22,5
00905176	JZ	5 x 10	tranparent - tranparent	892,0	22,5

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00905178	JZ	5 x 16	grey - grey	1.325,0	25,2
00905071	JZ	5 x 16	tranparent - tranparent	1.325,0	25,2
00905131	JZ	5 x 25	grey - grey	2.310,0	31,5
00905075	JZ	5 x 35	tranparent - tranparent	2.885,0	36,4
00905107	JZ	7 x 0,5	tranparent - tranparent	136,0	9,5
00905148	JZ	7 x 0,75	grey - grey	184,0	10,4
00905095	JZ	7 x 0,75	tranparent - tranparent	184,0	10,4
00905157	JZ	7 x 1	grey - grey	210,0	12,0
00905066	JZ	7 x 1	tranparent - tranparent	210,0	12,0
00905143	JZ	7 x 1,5	grey - grey	217,0	10,5
00905047	JZ	7 x 1,5	tranparent - tranparent	217,0	10,5
00905169	JZ	7 x 2,5	grey - grey	415,0	15,0
00905097	JZ	7 x 2,5	tranparent - tranparent	415,0	15,0
00905124	JZ	7 x 4	tranparent - tranparent	650,0	16,5
00905129	JZ	8 x 1,5	tranparent - tranparent	336,0	12,6
00905121	JZ	12 x 0,5	tranparent - tranparent	195,0	12,5
00905149	JZ	12 x 0,75	grey - grey	280,0	13,5
00905103	JZ	12 x 0,75	tranparent - tranparent	280,0	13,5
00905158	JZ	12 x 1	grey - grey	400,0	17,0
00905067	JZ	12 x 1	tranparent - tranparent	400,0	17,0
00905165	JZ	12 x 1,5	grey - grey	365,0	14,5
00905010	JZ	12 x 1,5	tranparent - tranparent	365,0	14,5
00905091	JZ	12 x 2,5	grey - grey	856,0	18,5
00905099	JZ	12 x 2,5	tranparent - tranparent	856,0	18,5

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00905123	JZ	18 x 0,5	tranparent - tranparent	277,0	13,5
00905150	JZ	18 x 0,75	grey - grey	553,0	16,8
00905110	JZ	18 x 0,75	tranparent - tranparent	553,0	16,8
00905159	JZ	18 x 1	grey - grey	480,0	17,5
00905138	JZ	18 x 1	tranparent - tranparent	480,0	17,5
00905135	JZ	18 x 1,5	grey - grey	315,0	13,9
00905011	JZ	18 x 1,5	tranparent - tranparent	315,0	13,9
00905170	JZ	18 x 2,5	grey - grey	1.100,0	22,0
00905109	JZ	18 x 2,5	tranparent - tranparent	1.100,0	22,0
00905118	JZ	24 x 1	tranparent - tranparent	640,0	17,4
00905116	JZ	25 x 0,5	tranparent - tranparent	407,0	15,7
00905151	JZ	25 x 0,75	grey - grey	553,0	17,5
00905111	JZ	25 x 0,75	tranparent - tranparent	553,0	17,5
00905160	JZ	25 x 1	grey - grey	640,0	17,4
00905119	JZ	25 x 1	tranparent - tranparent	640,0	17,4
00905136	JZ	25 x 1,5	grey - grey	834,0	22,4
00905005	JZ	25 x 1,5	tranparent - tranparent	834,0	22,4
00905052	JZ	25 x 2,5	tranparent - tranparent	1.203,0	23,8
00905112	JZ	34 x 0,75	tranparent - tranparent	675,0	21,0
00905180	JZ	34 x 1	tranparent - tranparent	900,0	20,5
00905139	JZ	50 x 1,5	grey - grey	1.660,0	31,5
00905051	JZ	50 x 1,5	tranparent - tranparent	1.660,0	31,5

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