YSLCY-OZ



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

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
Stranding Elements	cores stranded in layers with optimal laylength
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.
00904063	OZ	2 x 0,5	grey - grey	40,0	5,8
00904071	OZ	2 x 0,75	grey - grey	46,0	6,2
00904081	OZ	2 x 1,0	grey - grey	45,0	6,5
00904092	OZ	2 x 1,5	grey - grey	68,0	7,5
00904102	OZ	2 x 2,5	grey - grey	130,0	8,6
00904134	OZ	2 x 4	grey - grey	185,0	10,9
00904127	OZ	2 x 6	grey - grey	268,0	12,1
00904135	OZ	2 x 10	grey - grey	425,0	15,7
00904064	OZ	3 x 0,5	grey - grey	45,0	6,0
00904072	OZ	3 x 0,75	grey - grey	56,0	6,4
00904083	OZ	3 x 1,0	grey - grey	65,0	6,9
00904094	OZ	3 x 1,5	grey - grey	86,0	8,0
00904103	OZ	3 x 2,5	grey - grey	135,0	9,4
00904065	OZ	4 x 0,5	grey - grey	55,0	6,5
00904073	OZ	4 x 0,75	grey - grey	67,0	7,0
00904084	OZ	4 x 1,0	grey - grey	77,0	7,5
00904095	OZ	4 x 1,5	grey - grey	106,0	8,7
00904104	OZ	4 x 2,5	grey - grey	196,0	10,2
00904193	OZ	4 x 4	grey - grey	310,0	12,7
00904189	OZ	4 x 10	grey - grey	783,0	18,5
00904066	OZ	5 x 0,5	grey - grey	64,0	6,9
00904074	OZ	5 x 0,75	grey - grey	78,0	7,6
00904085	OZ	5 x 1,0	grey - grey	90,0	8,3
00904096	OZ	5 x 1,5	grey - grey	143,0	9,6

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00904106	OZ	5 x 2,5	grey - grey	223,0	11,3
00904173	OZ	5 x 6	grey - grey	509,0	16,1
00904213	OZ	6 x 0,5	grey - grey	79,0	7,4
00904067	OZ	7 x 0,5	grey - grey	95,0	7,4
00904075	OZ	7 x 0,75	grey - grey	100,0	8,5
00904086	OZ	7 x 1,0	grey - grey	135,0	9,0
00904097	OZ	7 x 1,5	grey - grey	205,0	10,7
00904107	OZ	7 x 2,5	grey - grey	304,0	13,5
00904195	OZ	8 x 1,0	grey - grey	197,0	9,9
00904214	OZ	10 x 0,5	grey - grey	120,0	9,0
00904124	OZ	10 x 0,75	grey - grey	150,0	10,5
00904166	OZ	10 x 1,0	grey - grey	230,0	10,8
00904209	OZ	10 x 1,5	grey - grey	286,0	13,5
00904068	OZ	12 x 0,5	grey - grey	160,0	9,7
00904077	OZ	12 x 0,75	grey - grey	178,0	10,9
00904087	OZ	12 x 1,0	grey - grey	240,0	11,7
00904098	OZ	12 x 1,5	grey - grey	318,0	14,0
00904115	OZ	12 x 2,5	grey - grey	522,0	16,7
00904218	OZ	14 x 1,0	grey - grey	280,0	12,4
00904194	OZ	14 x 1,5	grey - grey	383,0	15,0
00904154	OZ	16 x 1,0	grey - grey	300,0	13,4
00904078	OZ	18 x 0,75	grey - grey	252,0	12,0
00904088	OZ	18 x 1,0	grey - grey	330,0	13,9
00904099	OZ	18 x 1,5	grey - grey	439,0	17,0

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00904215	OZ	19 x 1,5	grey - grey	545,0	17,1
00904207	OZ	20 x 1,0	grey - grey	440,0	14,3
00904208	OZ	20 x 1,5	grey - grey	545,0	16,4
00904079	OZ	21 x 0,75	grey - grey	298,0	14,0
00904179	OZ	24 x 1,5	grey - grey	690,0	18,3
00904191	OZ	25 x 0,5	grey - grey	284,0	12,4
00904080	OZ	25 x 0,75	grey - grey	349,0	15,5
00904089	OZ	25 x 1,0	grey - grey	534,0	16,8
00904100	OZ	25 x 1,5	grey - grey	680,0	19,5
00904090	OZ	34 x 1,0	grey - grey	741,0	17,5
00904119	OZ	50 x 1,5	grey - grey	1.440,0	27,4

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