SKL-YYCY-JZ



Application

These cables are ideal for use in the machine tool industry, in robotics and machine production and anywhere where high flexibility is essential. These
cables have shown excellent performance in combination with standard cable trays. These cables are suitable for flexible use for medium mechanical
stresses with free movements. The shielding is protection against electrical interference.

Standards

adapted to DIN VDE 0285-525-2-51

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

Construction

Inner Conductor	extra fine wire conductors, bare copper acc. DIN VDE 0295 cl. 6 / IEC 60228
Core Insulation	special polyvinylchlorid compound (PVC)
Core Color	black cores with continuous white numbering, green-yellow earth core in the outer layer (3 cores and above)
Stranding Elements	cores stranded in layers with optimal lay length
Inner Sheath Material	PVC plastic TM2 according to EN 50 363-4-1 Color gray RAL 7001
Overall Shielding	Cu-braid, tin-plated, optical coverage approx. 85 ± 5% Wrap with fleece film over braid.
Outer Insulation Material	special PVC outer sheath, Typ TM5 to DIN VDE 0285-525-1

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Schleppkettenleitungen
Cable Chain Cables

Technical Data

Nominal Voltage	U_0/U: 300 /500 Volt
Nominal Volatage DC	U_0/U: 0 /0
Test Voltage	4000 Volt
Bending Radius moved (xD)	7.5
Bending Radius fixed (xD)	4
Operating Temperature solid	-40 °C bis 80 °C
Operating Temperature moving	-15 °C bis 70 °C
Fire Classes	Eca

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Schleppkettenleitungen
Cable Chain 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.
01104001	OZ	2 x 0,5	grey - grey	112,0	9,4
01104005	OZ	2 x 0,75	grey - grey	125,0	9,9
01104034	OZ	2 x 1	grey - grey	100,0	7,8
01104031	OZ	2 x 1,5	grey - grey	157,0	10,3
01104021	JZ	3 x 0,5	grey - grey	127,0	7,8
01104028	JZ	3 x 0,75	grey - grey	128,0	7,8
01104007	JZ	3 x 1	grey - grey	153,0	10,5
01104010	JZ	3 x 1,5	grey - grey	355,0	15,2
01104037	JZ	3 x 2,5	grey - grey	278,0	10,5
01104051	JZ	3 x 4	grey - grey	292,0	12,7
01104002	JZ	4 x 0,5	grey - grey	147,0	8,2
01104030	JZ	4 x 0,75	grey - grey	165,0	10,9
01104026	JZ	4 x 1	grey - grey	177,0	11,1
01104004	JZ	4 x 1,5	grey - grey	170,0	10,2
01104025	JZ	4 x 2,5	grey - grey	320,0	11,2
01104052	JZ	4 x 4	grey - grey	372,0	13,9
01104054	JZ	4 x 6	grey - grey	526,0	15,7
01104056	JZ	4 x 10	grey - grey	838,0	20,8
01104058	JZ	4 x 16	grey - grey	1.225,0	22,9
01104016	JZ	5 x 0,5	grey - grey	167,0	10,9
01104006	JZ	5 x 0,75	grey - grey	194,0	11,6
01104018	JZ	5 x 1	grey - grey	211,0	11,9
01104011	JZ	5 x 1,5	grey - grey	262,0	13,1
01104040	JZ	5 x 2,5	grey - grey	344,0	12,7

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01104053	JZ	5 x 4	grey - grey	448,0	15,3
01104055	JZ	5 x 6	grey - grey	632,0	17,1
01104020	JZ	7 x 0,5	grey - grey	210,0	12,3
01104015	JZ	7 x 0,75	grey - grey	256,0	13,5
01104009	JZ	7 x 1	grey - grey	286,0	13,8
01104012	JZ	7 x 1,5	grey - grey	355,0	15,2
01104050	JZ	7 x 2,5	grey - grey	410,0	14,8
01104003	JZ	12 x 0,5	grey - grey	301,0	14,9
01104032	JZ	12 x 0,75	grey - grey	334,0	13,4
01104035	JZ	12 x 1	grey - grey	414,0	16,6
01104013	JZ	12 x 1,5	grey - grey	546,0	18,6
01104039	JZ	18 x 0,5	grey - grey	445,0	13,5
01104024	JZ	18 x 0,75	grey - grey	533,0	19,1
01104023	JZ	18 x 1	grey - grey	593,0	19,0
01104017	JZ	18 x 1,5	grey - grey	722,0	21,1
01104027	JZ	25 x 0,5	grey - grey	505,0	15,8
01104033	JZ	25 x 0,75	grey - grey	641,0	21,7
01104036	JZ	25 x 1	grey - grey	828,0	18,6
01104019	JZ	25 x 1,5	grey - grey	1.018,0	20,6

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