SKL-PP/C/PUR UL



Application

Cables in this series are highly flexible, making them suitable for installation in drag chains with excellent dynamic performance. Which results in long service life and cost-effectiveness. This is achieved through specialized construction techniques and the selection of suitable thermoplastic compounds, ensuring both electrical and mechanical suitability. These cables offer exceptional resistance to oils, chemicals, water, abrasion, and tearing. They are ideal for connecting control units, power systems, and instrumentation in machine tools, assembly lines, and other applications in dry, damp, and wet locations as well as outdoors.

Standards

UL-Style 21209 – 90°C / 1000 V
Halogenfree: IEC 60754-1 und IEC 60754-2
Oil resistance: OIL 80°C UL758 table 15.1, EN50363-10-2 DIN EN 60811-404

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

Construction

Inner Conductor	copper bare, IEC 20668 - Class 6
Core Insulation	polypropylene (PP)
Core Color	≥ 0.50 mm2: black with white numbering and a yellow/green earth conductor (for 3 or more conductors)
Stranding Elements	Polyester tape on each layer
Overall Shielding	Multi-threaded tinned copper with coverage of approx. 85%. Polyester tape separator
Outer Insulation Material	polyurethane (PUR)
Constant Against	oil resitance, UV restiance

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Schleppkettenleitungen
Cable Chain Cables

Technical Data

Nominal Voltage	U_0/U: 600 /1000 V
Nominal Volatage DC	U_0/U: 0 /0
Test Voltage	3000 V
Bending Radius moved (xD)	6
Bending Radius fixed (xD)	4
Operating Temperature solid	-40 °C bis 90 °C
Operating Temperature moving	-30 °C bis 90 °C

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Schleppkettenleitungen
Cable Chain Cables

Prod. Nr. Prod. Nr.	Dimensions Dimensions	Color Color	Weight (kg/km) approx. Weight (kg/km) approx.	Outer-Diameter (mm) approx. Outer-Diameter (mm) approx.
01188001	2 x 0,5	grey - grey	47,1	6,1
01188010	2 x 0,75	grey - grey	58,6	6,7
01188021	2 x 1	grey - grey	67,3	7,1
01188030	2 x 1,5	grey - grey	84,7	7,8
01188002	3 x 0,5	grey - grey	55,4	6,3
01188011	3 x 0,75	grey - grey	69,1	7,0
01188022	3 x 1	grey - grey	81,1	7,4
01188031	3 x 1,5	grey - grey	103,7	8,1
01188040	3 x 2,5	grey - grey	156,6	9,7
01188003	4 x 0,5	grey - grey	65,0	6,7
01188012	4 x 0,75	grey - grey	81,9	7,4
01188023	4 x 1	grey - grey	96,9	8,1
01188032	4 x 1,5	grey - grey	125,7	8,8
01188041	4 x 2,5	grey - grey	191,8	10,9
01188004	5 x 0,5	grey - grey	76,3	7,1
01188013	5 x 0,75	grey - grey	95,4	8,1
01188024	5 x 1	grey - grey	114,6	8,6
01188033	5 x 1,5	grey - grey	162,0	9,6
01188042	5 x 2,5	grey - grey	230,6	11,8
01188005	7 x 0,5	grey - grey	93,8	8,2
01188014	7 x 0,75	grey - grey	123,1	9,2
01188025	7 x 1	grey - grey	161,8	9,9
01188034	7 x 1,5	grey - grey	214,4	11,2
01188043	7 x 2,5	grey - grey	305,9	14,0

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Cable Chain Cables

Prod. Nr. Prod. Nr.	Dimensions Dimensions	Color Color	Weight (kg/km) approx. Weight (kg/km) approx.	Outer-Diameter (mm) approx. Outer-Diameter (mm) approx.
01188006	12 x 0,5	grey - grey	149,3	9,6
01188015	12 x 0,75	grey - grey	200,3	11,0
01188026	12 x 1	grey - grey	242,1	12,0
01188035	12 x 1,5	grey - grey	322,4	13,2
01188044	12 x 2,5	grey - grey	474,9	17,0
01188007	18 x 0,5	grey - grey	203,2	11,1
01188017	18 x 0,75	grey - grey	272,5	12,6
01188027	18 x 1	grey - grey	335,5	13,9
01188036	18 x 1,5	grey - grey	452,4	15,5
01188045	18 x 2,5	grey - grey	672,6	20,0
01188008	25 x 0,5	grey - grey	262,0	13,0
01188018	25 x 0,75	grey - grey	360,2	15,2
01188028	25 x 1	grey - grey	439,7	16,4
01188037	25 x 1,5	grey - grey	606,7	18,4
01188046	25 x 2,5	grey - grey	640,6	23,9
01188009	36 x 0,5	grey - grey	350,0	14,6
01188019	36 x 0,75	grey - grey	479,7	16,8
01188029	36 x 1	grey - grey	596,9	18,3
01188038	36 x 1,5	grey - grey	861,4	20,7

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