KAWEFLEX® 6200 ECO SK-C-PVC UL/CSA

USE OF CABLE

as flexible, shielded power and control cable for EMC-compliant connecting at high electrical and light to medium mechanical requirements in drag chains and motion drive systems in machine and plant engineering.

SPECIAL FEATURES

- UL/CSA approved, conform to RoHS
- conform to 2014/35/EU-Guideline ("Low-Voltage Directive") CE
- low adhesion, silicone-free
- flame-retardant acc. to IEC 60332-1-2, FT1, VW-1
- oilresistant acc. to DIN EN 60811-404 (only mineral oil) and largely resistant to grease, coolant fluids and lubricants
- recommended for EMC-compatible applications
- due to 600 V UL/CSA approval parallel laying with other 600 V cables is permitted

REMARKS

- We are pleased to produce special versions, other dimensions, core and jacket colours on request.
- NEW: with reduced outer diameters, for smaler design, lower bending radii and lower wight; up from production date January 2020

PRODUCT INFORMATION

Conductor material:	Bare copper strand
Conductor class:	Acc. to DIN VDE 0295 class 5 resp. IEC 60228 cl. 5
Core insulation:	PVC
Core identification:	Acc. to DIN VDE 0293 black wires with white numerals, 1 x GNYE
Overall stranding:	Cores stranded in layers
Shield3:	Copper braid tinned, coverage approx. 85%
Outer sheath:	PVC
Sheath colour:	Grey RAL 7001
Rated voltage:	Acc. to IEC: 300/500 V; acc. to UL: 600 V
Testing voltage:	Core/core: 4 kV; core/shield: 2 kV
Conductor resistance:	At +20 °C acc. to DIN VDE 0295 cl. 5 resp. IEC 60228 cl. 5
Insulation resistance:	At +20 °C ≥ 20 MΩ x km
Current-carrying-capacity:	Acc. to DIN VDE
Min. bending radius fixed:	4 x d
Min. bending radius moved:	10 x d < 3m TL | 12,5 x d ≥ 3m TL
Operat. temp. fixed min/max:	-40 °C / +90 °C
Operat. temp. moved min/max:	-5 °C / +90 °C
Burning behavior:	Flame-retardant acc. to IEC 60332-1-2, FT1, VW-1
Approvals:	UL/CSA - cURus 600V, 90°C
Speed:	Self-supporting: max. 3 m/s
Acceleration:	Max. 10 m/s²

ITEM OVERVIEW

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1504718	2 X 0,5 (AWG 21)	5,5	26,00	76,00	grey	V0: KAWEFLEX 6200 ECO SK-C-PVC UL/CSA
1504719	3 G 0,5 (AWG 21)	5,8	31,00	87,00	grey	V0: KAWEFLEX 6200 ECO SK-C-PVC UL/CSA
1504720	4 G 0,5 (AWG 21)	6,2	41,00	110,00	grey	V0: KAWEFLEX 6200 ECO SK-C-PVC UL/CSA
1504721	5 G 0,5 (AWG 21)	6,8	46,00	127,00	grey	V0: KAWEFLEX 6200 ECO SK-C-PVC UL/CSA
1504722	7 G 0,5 (AWG 21)	8,1	61,00	169,00	grey	V0: KAWEFLEX 6200 ECO SK-C-PVC UL/CSA
1504723	12 G 0,5 (AWG 21)	9,3	90,00	220,00	grey	V0: KAWEFLEX 6200 ECO SK-C-PVC UL/CSA
1504724	18 G 0,5 (AWG 21)	11,3	130,00	340,00	grey	V0: KAWEFLEX 6200 ECO SK-C-PVC UL/CSA
1504725	25 G 0,5 (AWG 21)	13,5	187,00	447,00	grey	V0: KAWEFLEX 6200 ECO SK-C-PVC UL/CSA
1504726	2 X 0,75 (AWG 19)	5,9	31,00	86,00	grey	V0: KAWEFLEX 6200 ECO SK-C-PVC UL/CSA
1504727	3 G 0,75 (AWG 19)	6,2	43,00	105,00	grey	V0: KAWEFLEX 6200 ECO SK-C-PVC UL/CSA

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1504728	4 G 0,75 (AWG 19)	6,7	51,00	130,00	grey	V0: KAWEFLEX 6200 ECO SK-C-PVC UL/CSA
1504729	5 G 0,75 (AWG 19)	7,3	63,00	157,00	grey	V0: KAWEFLEX 6200 ECO SK-C-PVC UL/CSA
1504730	7 G 0,75 (AWG 19)	8,9	83,00	207,00	grey	V0: KAWEFLEX 6200 ECO SK-C-PVC UL/CSA
1504731	12 G 0,75 (AWG 19)	10,1	125,00	274,00	grey	V0: KAWEFLEX 6200 ECO SK-C-PVC UL/CSA
1504732	18 G 0,75 (AWG 19)	12,3	179,00	430,00	grey	V0: KAWEFLEX 6200 ECO SK-C-PVC UL/CSA
1504733	25 G 0,75 (AWG 19)	14,7	257,00	554,00	grey	V0: KAWEFLEX 6200 ECO SK-C-PVC UL/CSA
1504734	2 X 1 (AWG 18)	6,2	41,00	101,00	grey	V0: KAWEFLEX 6200 ECO SK-C-PVC UL/CSA
1504735	3 G 1 (AWG 18)	6,6	51,00	122,00	grey	V0: KAWEFLEX 6200 ECO SK-C-PVC UL/CSA
1504736	4 G 1 (AWG 18)	7,1	60,00	157,00	grey	V0: KAWEFLEX 6200 ECO SK-C-PVC UL/CSA
1504737	5 G 1 (AWG 18)	7,7	75,00	179,00	grey	V0: KAWEFLEX 6200 ECO SK-C-PVC UL/CSA
1504738	7 G 1 (AWG 18)	9,4	100,00	243,00	grey	V0: KAWEFLEX 6200 ECO SK-C-PVC UL/CSA
1504739	12 G 1 (AWG 18)	10,9	159,00	342,00	grey	V0: KAWEFLEX 6200 ECO SK-C-PVC UL/CSA
1504740	18 G 1 (AWG 18)	13,5	240,00	498,00	grey	V0: KAWEFLEX 6200 ECO SK-C-PVC UL/CSA
1504741	25 G 1 (AWG 18)	15,9	317,00	670,00	grey	V0: KAWEFLEX 6200 ECO SK-C-PVC UL/CSA
1504742	2 X 1,5 (AWG 16)	6,8	51,00	120,00	grey	V0: KAWEFLEX 6200 ECO SK-C-PVC UL/CSA
1504743	3 G 1,5 (AWG 16)	7,2	70,00	152,00	grey	V0: KAWEFLEX 6200 ECO SK-C-PVC UL/CSA
1504744	4 G 1,5 (AWG 16)	7,8	85,00	184,00	grey	V0: KAWEFLEX 6200 ECO SK-C-PVC UL/CSA
1504745	5 G 1,5 (AWG 16)	8,6	105,00	223,00	grey	V0: KAWEFLEX 6200 ECO SK-C-PVC UL/CSA
1504746	7 G 1,5 (AWG 16)	10,4	139,00	298,00	grey	V0: KAWEFLEX 6200 ECO SK-C-PVC UL/CSA
1504747	12 G 1,5 (AWG 16)	12,1	222,00	421,00	grey	V0: KAWEFLEX 6200 ECO SK-C-PVC UL/CSA
1504748	18 G 1,5 (AWG 16)	15,2	336,00	637,00	grey	V0: KAWEFLEX 6200 ECO SK-C-PVC UL/CSA
1504749	25 G 1,5 (AWG 16)	17,9	456,00	864,00	grey	V0: KAWEFLEX 6200 ECO SK-C-PVC UL/CSA
1504750	3 G 2,5 (AWG 14)	8,6	105,00	222,00	grey	V0: KAWEFLEX 6200 ECO SK-C-PVC UL/CSA
1504751	4 G 2,5 (AWG 14)	9,3	129,00	271,00	grey	V0: KAWEFLEX 6200 ECO SK-C-PVC UL/CSA
1504752	5 G 2,5 (AWG 14)	10,2	158,00	347,00	grey	V0: KAWEFLEX 6200 ECO SK-C-PVC UL/CSA
1504753	7 G 2,5 (AWG 14)	12,7	217,00	478,00	grey	V0: KAWEFLEX 6200 ECO SK-C-PVC UL/CSA
1504754	4 G 4 (AWG 12)	11,1	197,00	391,00	grey	V0: KAWEFLEX 6200 ECO SK-C-PVC UL/CSA
1504755	5 G 4 (AWG 12)	12,1	241,00	483,00	grey	V0: KAWEFLEX 6200 ECO SK-C-PVC UL/CSA
1504756	4 G 6 (AWG 10)	13,2	298,00	533,00	grey	V0: KAWEFLEX 6200 ECO SK-C-PVC UL/CSA
1504757	5 G 6 (AWG 10)	14,5	365,00	647,00	grey	V0: KAWEFLEX 6200 ECO SK-C-PVC UL/CSA
1504758	4 G 10 (AWG 8)	16,7	470,00	879,00	grey	V0: KAWEFLEX 6200 ECO SK-C-PVC UL/CSA
1504759	4 G 16 (AWG 6)	19,3	720,00	1260,00	grey	V0: KAWEFLEX 6200 ECO SK-C-PVC UL/CSA