KAWEFLEX® 6210 SK-C-PVC UL/CSA

USE OF CABLE

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

SPECIAL FEATURES

- UL/CSA approved
- 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)
- 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

- conform to RoHS and 2014/35/EU-Guideline ("Low-Voltage Directive") CE
- 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 6 pt. 4 resp. IEC 60228 cl. 6 pt. 4
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. 6 resp. IEC 60228 cl. 6
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:	7,5 x d < 10m TL | 10 x d ≥ 10m 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. 5 m/s, gliding: max. 2,5 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
1504763	2 X 0,5 (AWG 21)	5,6	27,00	56,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA
1504764	3 G 0,5 (AWG 21)	6,0	32,00	73,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA
1504765	4 G 0,5 (AWG 21)	6,4	42,00	83,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA
1504766	5 G 0,5 (AWG 21)	7,0	47,00	93,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA
1504767	7 G 0,5 (AWG 21)	8,5	62,00	129,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA
1504768	12 G 0,5 (AWG 21)	9,6	92,00	193,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA
1504769	18 G 0,5 (AWG 21)	11,5	132,00	275,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA
1504770	25 G 0,5 (AWG 21)	13,7	191,00	358,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA
1504771	36 G 0,5 (AWG 21)	16,2	224,00	449,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA
1504772	2 X 0,75 (AWG 19)	6,0	32,00	73,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA
1504773	3 G 0,75 (AWG 19)	6,4	45,00	83,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA

KAWEFLEX® 6210 SK-C-PVC UL/CSA

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1504774	4 G 0,75 (AWG 19)	6,9	52,00	96,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA
1504775	5 G 0,75 (AWG 19)	7,6	65,00	122,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA
1504776	7 G 0,75 (AWG 19)	9,0	85,00	177,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA
1504777	12 G 0,75 (AWG 19)	10,4	126,00	234,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA
1504778	18 G 0,75 (AWG19)	12,5	181,00	336,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA
1504779	25 G 0,75 (AWG19)	14,9	261,00	441,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA
1504780	36 G 0,75 (AWG19)	17,0	315,00	592,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA
1504781	42 G 0,75 (AWG19)	18,5	362,00	691,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA
1504782	2 X 1 (AWG 18)	6,3	42,00	80,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA
1504783	3 G 1 (AWG 18)	6,8	52,00	93,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA
1504784	4 G 1 (AWG 18)	7,2	62,00	122,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA
1504785	5 G 1 (AWG 18)	8,0	77,00	139,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA
1504786	7 G 1 (AWG 18)	9,6	101,00	206,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA
1504787	12 G 1 (AWG 18)	11,3	161,00	291,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA
1504788	18 G 1 (AWG 18)	13,7	244,00	414,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA
1504789	25 G 1 (AWG 18)	16,1	321,00	542,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA
1504790	2 X 1,5 (AWG 16)	6,9	52,00	92,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA
1504791	3 G 1,5 (AWG 16)	7,4	72,00	123,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA
1504792	4 G 1,5 (AWG 16)	8,0	87,00	144,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA
1504793	5 G 1,5 (AWG 16)	9,0	107,00	193,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA
1504794	7 G 1,5 (AWG 16)	10,6	141,00	247,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA
1504795	12 G 1,5 (AWG 16)	12,5	224,00	355,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA
1504796	18 G 1,5 (AWG 16)	15,4	340,00	534,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA
1504797	25 G 1,5 (AWG 16)	18,2	461,00	699,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA
1504798	36 G 1,5 (AWG 16)	21,1	588,00	941,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA
1504799	42 G 1,5 (AWG 16)	22,8	679,00	1099,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA
1504800	3 G 2,5 (AWG 14)	8,9	106,00	169,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA
1504801	4 G 2,5 (AWG 14)	9,6	131,00	231,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA
1504802	5 G 2,5 (AWG 14)	10,9	160,00	287,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA
1504803	7 G 2,5 (AWG 14)	13,3	219,00	386,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA
1504804	12 G 2,5 (AWG 14)	15,7	339,00	479,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA
1504805	4 G 4 (AWG 12)	11,3	199,00	320,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA
1504806	5 G 4 (AWG 12)	12,7	244,00	381,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA
1504807	4 G 6 (AWG 10)	13,8	301,00	437,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA
1504808	5 G 6 (AWG 10)	15,7	369,00	537,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA
1504809	4 G 10 (AWG 8)	17,7	475,00	706,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA
1504810	4 G 16 (AWG 6)	21,1	726,00	1012,00	grey	V0: KAWEFLEX 6210 SK-C-PVC UL/CSA