



## USE OF CABLE

flexible shielded power and control cable for EMC-compatible connecting at increased electrical and mechanical requirements in drag chain and motion drive systems in machine and plant engineering and in the field of crane and conveyor technology in dry and humid rooms also outdoor.



## SPECIAL FEATURES

- UL/CSA-Approbation
- flame-retardant and low adhesion
- resistant to oil acc. to DIN EN 60811-404 (only mineral oil) resp. UL 1581, 168 h at +80 °C
- UV and weather resistant
- silicone-free
- NEW: with Ripcord, for faster and core protected dismantling

## REMARKS

- conform to RoHS
- conform to 2014/35/EU-Guideline ("Low-Voltage Directive") CE

## PRODUCT INFORMATION

Conductor material:	Bare copper strand
Conductor class:	Acc. to DIN VDE 0295 cl. 6 resp. IEC 60228 cl. 6
Core insulation:	≤ 0,5 mm <sup>2</sup> - PELON@2 ≥ 0,75 mm <sup>2</sup> - PVC
Core identification:	BK with numerals + 1x GNYE
Overall stranding:	≤ 11 cores in layers, ≥ 12 cores stranding in bundles around tensile strength center, opt. lay length for drag chains
Inner sheath material:	PVC, with Ripcord
Shield3:	Copper braid tinned, opt. coverage min. 85%
Outer sheath:	PVC
Sheath colour:	Black, RAL 9005
Rated voltage:	600 V AC
Testing voltage:	2.000 V
Conductor resistance:	At +20 °C acc. to DIN VDE 0295 class 6 and IEC 60228 cl. 6
Min. bending radius fixed:	4 x d
Min. bending radius moved:	6,5 x d (< 10 m) / 7,5 x d (≥ 10 m)
Operat. temp. fixed min/max:	-40 °C / +80 °C
Operat. temp. moved min/max:	-5 °C / +70 °C
Burning behavior:	Acc. to IEC 60332-1, cable flame test, FT1
Approvals:	UL/CSA - cURus 80°C, 600 V
Speed:	Self-supporting: max. 10 m/s, gliding: max. 5 m/s
Acceleration:	Max. 80 m/s <sup>2</sup>
Bending cycles:	Up to 5 Mio.

## ITEM OVERVIEW

Product No.	Dimension [n x mm <sup>2</sup> ]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1701774	2 X 0,5 (AWG 21)	6,3	26,00	68,00	black	V0: KAWEFLEX Allround 7210 SK-C-PVC UL/CSA
1701775	3 X 0,5 (AWG 21)	6,6	32,00	69,00	black	V0: KAWEFLEX Allround 7210 SK-C-PVC UL/CSA
1701776	4 G 0,5 (AWG 21)	7,0	38,00	78,00	black	V0: KAWEFLEX Allround 7210 SK-C-PVC UL/CSA
1701777	5 G 0,5 (AWG 21)	7,4	45,00	89,00	black	V0: KAWEFLEX Allround 7210 SK-C-PVC UL/CSA
1701779	7 G 0,5 (AWG 21)	8,7	58,00	110,00	black	V0: KAWEFLEX Allround 7210 SK-C-PVC UL/CSA
1701784	12 G 0,5 (AWG 21)	13,0	125,00	241,00	black	V0: KAWEFLEX Allround 7210 SK-C-PVC UL/CSA
1701790	18 G 0,5 (AWG 21)	15,7	180,00	333,00	black	V0: KAWEFLEX Allround 7210 SK-C-PVC UL/CSA
1701797	25 G 0,5 (AWG 21)	17,0	240,00	411,00	black	V0: KAWEFLEX Allround 7210 SK-C-PVC UL/CSA
1701814	2 X 0,75 (AWG 19)	6,9	32,00	77,00	black	V0: KAWEFLEX Allround 7210 SK-C-PVC UL/CSA
1701815	3 G 0,75 (AWG 19)	7,2	41,00	88,00	black	V0: KAWEFLEX Allround 7210 SK-C-PVC UL/CSA
1701816	4 G 0,75 (AWG 19)	7,7	50,00	103,00	black	V0: KAWEFLEX Allround 7210 SK-C-PVC UL/CSA

# KAWEFLEX® Allround 7210 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
1701817	5 G 0,75 (AWG 19)	8,5	59,00	117,00	black	V0: KAWEFLEX Allround 7210 SK-C-PVC UL/CSA
1701819	7 G 0,75 (AWG 19)	9,9	86,00	158,00	black	V0: KAWEFLEX Allround 7210 SK-C-PVC UL/CSA
1701824	12 G 0,75 (AWG 19)	15,0	156,00	338,00	black	V0: KAWEFLEX Allround 7210 SK-C-PVC UL/CSA
1701830	18 G 0,75 (AWG 19)	18,3	260,00	477,00	black	V0: KAWEFLEX Allround 7210 SK-C-PVC UL/CSA
1701837	25 G 0,75 (AWG 19)	20,3	340,00	645,00	black	V0: KAWEFLEX Allround 7210 SK-C-PVC UL/CSA
1701848	36 G 0,75 (AWG 19)	24,4	430,00	895,00	black	V0: KAWEFLEX Allround 7210 SK-C-PVC UL/CSA
1701854	42 G 0,75 (AWG 19)	26,1	478,00	1043,00	black	V0: KAWEFLEX Allround 7210 SK-C-PVC UL/CSA
1701860	2 X 1 (AWG 18)	7,2	39,00	85,00	black	V0: KAWEFLEX Allround 7210 SK-C-PVC UL/CSA
1701861	3 G 1 (AWG 18)	7,6	50,00	98,00	black	V0: KAWEFLEX Allround 7210 SK-C-PVC UL/CSA
1701862	4 G 1 (AWG 18)	8,3	62,00	115,00	black	V0: KAWEFLEX Allround 7210 SK-C-PVC UL/CSA
1701863	5 G 1 (AWG 18)	8,9	74,00	138,00	black	V0: KAWEFLEX Allround 7210 SK-C-PVC UL/CSA
1701865	7 G 1 (AWG 18)	10,4	107,00	179,00	black	V0: KAWEFLEX Allround 7210 SK-C-PVC UL/CSA
1701870	12 G 1 (AWG 18)	15,8	201,00	389,00	black	V0: KAWEFLEX Allround 7210 SK-C-PVC UL/CSA
1701876	18 G 1 (AWG 18)	19,0	292,00	552,00	black	V0: KAWEFLEX Allround 7210 SK-C-PVC UL/CSA
1701883	25 G 1 (AWG 18)	21,4	380,00	743,00	black	V0: KAWEFLEX Allround 7210 SK-C-PVC UL/CSA
1701886	36 G 1 (AWG 18)	26,1	491,00	1047,00	black	V0: KAWEFLEX Allround 7210 SK-C-PVC UL/CSA
1701888	42 G 1 (AWG 18)	27,6	583,00	1181,00	black	V0: KAWEFLEX Allround 7210 SK-C-PVC UL/CSA
1701894	2 X 1,5 (AWG 16)	7,9	50,00	108,00	black	V0: KAWEFLEX Allround 7210 SK-C-PVC UL/CSA
1701895	3 G 1,5 (AWG 16)	8,4	66,00	127,00	black	V0: KAWEFLEX Allround 7210 SK-C-PVC UL/CSA
1701896	4 G 1,5 (AWG 16)	9,3	83,00	159,00	black	V0: KAWEFLEX Allround 7210 SK-C-PVC UL/CSA
1701897	5 G 1,5 (AWG 16)	10,0	109,00	190,00	black	V0: KAWEFLEX Allround 7210 SK-C-PVC UL/CSA
1701899	7 G 1,5 (AWG 16)	11,6	145,00	250,00	black	V0: KAWEFLEX Allround 7210 SK-C-PVC UL/CSA
1701904	12 G 1,5 (AWG 16)	18,7	278,00	542,00	black	V0: KAWEFLEX Allround 7210 SK-C-PVC UL/CSA
1701910	18 G 1,5 (AWG 16)	22,7	399,00	783,00	black	V0: KAWEFLEX Allround 7210 SK-C-PVC UL/CSA
1701917	25 G 1,5 (AWG 16)	25,3	530,00	1029,00	black	V0: KAWEFLEX Allround 7210 SK-C-PVC UL/CSA
1701928	36 G 1,5 (AWG 16)	29,4	728,00	1394,00	black	V0: KAWEFLEX Allround 7210 SK-C-PVC UL/CSA
1701930	42 G 1,5 (AWG 16)	31,4	825,00	1603,00	black	V0: KAWEFLEX Allround 7210 SK-C-PVC UL/CSA
1701934	2 X 2,5 (AWG 14)	9,5	73,00	157,00	black	V0: KAWEFLEX Allround 7210 SK-C-PVC UL/CSA
1701935	3 G 2,5 (AWG 14)	10,0	108,00	192,00	black	V0: KAWEFLEX Allround 7210 SK-C-PVC UL/CSA
1701936	4 G 2,5 (AWG 14)	11,3	136,00	238,00	black	V0: KAWEFLEX Allround 7210 SK-C-PVC UL/CSA
1701937	5 G 2,5 (AWG 14)	12,6	164,00	292,00	black	V0: KAWEFLEX Allround 7210 SK-C-PVC UL/CSA
1701939	7 G 2,5 (AWG 14)	14,4	220,00	419,00	black	V0: KAWEFLEX Allround 7210 SK-C-PVC UL/CSA
1701944	12 G 2,5 (AWG 14)	21,9	440,00	786,00	black	V0: KAWEFLEX Allround 7210 SK-C-PVC UL/CSA
1701950	18 G 2,5 (AWG 14)	25,9	622,00	1102,00	black	V0: KAWEFLEX Allround 7210 SK-C-PVC UL/CSA
1701957	25 G 2,5 (AWG 14)	29,8	810,00	1504,00	black	V0: KAWEFLEX Allround 7210 SK-C-PVC UL/CSA