



USE OF CABLE

flexible power and control cable for 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-Approval
- 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 mm² - PELON®2, ≥ 0,75 mm²- PVC
Core identification:	BK with numerals + 1x GNYE
Overall stranding:	≤ 11 cores stranded in layers, ≥ 12 cores stranding in bundles around tensile strength center, opt. lay length for drag chains
Outer sheath:	PVC, with ripcord
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 cl. 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/s²

ITEM OVERVIEW

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1700040	2 X 0,5 (AWG 21)	4,8	10,00	34,00	black	V0: KAWEFLEX Allround 7110 SK-PVC UL/CSA
1700041	3 G 0,5 (AWG 21)	5,1	15,00	40,00	black	V0: KAWEFLEX Allround 7110 SK-PVC UL/CSA
1700042	4 G 0,5 (AWG 21)	5,5	20,00	47,00	black	V0: KAWEFLEX Allround 7110 SK-PVC UL/CSA
1700043	5 G 0,5 (AWG 21)	5,9	25,00	55,50	black	V0: KAWEFLEX Allround 7110 SK-PVC UL/CSA
1700045	7 G 0,5 (AWG 21)	7,2	35,00	78,60	black	V0: KAWEFLEX Allround 7110 SK-PVC UL/CSA
1700050	12 G 0,5 (AWG 21)	10,4	60,00	139,00	black	V0: KAWEFLEX Allround 7110 SK-PVC UL/CSA
1700056	18 G 0,5 (AWG 21)	13,0	90,00	211,00	black	V0: KAWEFLEX Allround 7110 SK-PVC UL/CSA
1700063	25 G 0,5 (AWG 21)	14,2	125,00	271,00	black	V0: KAWEFLEX Allround 7110 SK-PVC UL/CSA
1700066	30 G 0,5 (AWG 21)	15,9	150,00	330,00	black	V0: KAWEFLEX Allround 7110 SK-PVC UL/CSA
1700070	36 G 0,5 (AWG 21)	18,0	180,00	411,00	black	V0: KAWEFLEX Allround 7110 SK-PVC UL/CSA
1700074	2 X 0,75 (AWG 19)	5,4	15,00	46,50	black	V0: KAWEFLEX Allround 7110 SK-PVC UL/CSA
1700075	3 G 0,75 (AWG 19)	5,7	23,00	55,70	black	V0: KAWEFLEX Allround 7110 SK-PVC UL/CSA

KAWEFLEX® Allround 7110 SK-PVC UL/CSA

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1700076	4 G 0,75 (AWG 19)	6,2	30,00	67,30	black	V0: KAWEFLEX Allround 7110 SK-PVC UL/CSA
1700077	5 G 0,75 (AWG 19)	6,7	38,00	80,20	black	V0: KAWEFLEX Allround 7110 SK-PVC UL/CSA
1700079	7 G 0,75 (AWG 19)	7,7	53,00	106,50	black	V0: KAWEFLEX Allround 7110 SK-PVC UL/CSA
1700084	12 G 0,75 (AWG 19)	11,8	90,00	204,50	black	V0: KAWEFLEX Allround 7110 SK-PVC UL/CSA
1700090	18 G 0,75 (AWG 19)	15,3	135,00	314,00	black	V0: KAWEFLEX Allround 7110 SK-PVC UL/CSA
1700097	25 G 0,75 (AWG 19)	16,7	188,00	426,50	black	V0: KAWEFLEX Allround 7110 SK-PVC UL/CSA
1700100	36 G 0,75 (AWG 19)	20,8	270,00	630,00	black	V0: KAWEFLEX Allround 7110 SK-PVC UL/CSA
1700105	42 G 0,75 (AWG 19)	21,5	315,00	705,00	black	V0: KAWEFLEX Allround 7110 SK-PVC UL/CSA
1700109	2 X 1 (AWG 18)	5,6	20,00	54,50	black	V0: KAWEFLEX Allround 7110 SK-PVC UL/CSA
1700110	3 G 1 (AWG 18)	5,9	30,00	66,80	black	V0: KAWEFLEX Allround 7110 SK-PVC UL/CSA
1700111	4 G 1 (AWG 18)	6,4	40,00	78,60	black	V0: KAWEFLEX Allround 7110 SK-PVC UL/CSA
1700112	5 G 1 (AWG18)	7,0	50,00	95,00	black	V0: KAWEFLEX Allround 7110 SK-PVC UL/CSA
1700114	7 G 1 (AWG 18)	8,0	70,00	125,70	black	V0: KAWEFLEX Allround 7110 SK-PVC UL/CSA
1700119	12 G 1 (AWG 18)	12,8	120,00	223,50	black	V0: KAWEFLEX Allround 7110 SK-PVC UL/CSA
1700125	18 G 1 (AWG 18)	15,6	180,00	370,00	black	V0: KAWEFLEX Allround 7110 SK-PVC UL/CSA
1700132	25 G 1 (AWG 18)	18,0	250,00	525,00	black	V0: KAWEFLEX Allround 7110 SK-PVC UL/CSA
1700136	36 G 1 (AWG 18)	22,0	360,00	743,80	black	V0: KAWEFLEX Allround 7110 SK-PVC UL/CSA
1700140	42 G 1 (AWG 18)	23,3	420,00	844,40	black	V0: KAWEFLEX Allround 7110 SK-PVC UL/CSA
1700144	2 X 1,5 (AWG 16)	6,4	30,00	72,00	black	V0: KAWEFLEX Allround 7110 SK-PVC UL/CSA
1700145	3 G 1,5 (AWG 16)	6,8	45,00	103,00	black	V0: KAWEFLEX Allround 7110 SK-PVC UL/CSA
1700146	4 G 1,5 (AWG 16)	7,4	60,00	109,00	black	V0: KAWEFLEX Allround 7110 SK-PVC UL/CSA
1700147	5 G 1,5 (AWG 16)	8,1	75,00	132,00	black	V0: KAWEFLEX Allround 7110 SK-PVC UL/CSA
1700149	7 G 1,5 (AWG 16)	9,5	105,00	183,00	black	V0: KAWEFLEX Allround 7110 SK-PVC UL/CSA
1700154	12 G 1,5 (AWG 16)	15,4	180,00	368,00	black	V0: KAWEFLEX Allround 7110 SK-PVC UL/CSA
1700160	18 G 1,5 (AWG 16)	19,0	270,00	534,00	black	V0: KAWEFLEX Allround 7110 SK-PVC UL/CSA
1700167	25 G 1,5 (AWG 16)	21,4	375,00	732,00	black	V0: KAWEFLEX Allround 7110 SK-PVC UL/CSA
1700171	36 G 1,5 (AWG 16)	25,0	540,00	1008,00	black	V0: KAWEFLEX Allround 7110 SK-PVC UL/CSA
1700176	42 G 1,5 (AWG 16)	27,2	630,00	1184,00	black	V0: KAWEFLEX Allround 7110 SK-PVC UL/CSA
1700180	3 G 2,5 (AWG 14)	8,3	75,00	138,00	black	V0: KAWEFLEX Allround 7110 SK-PVC UL/CSA
1700181	4 G 2,5 (AWG 14)	9,0	100,00	170,00	black	V0: KAWEFLEX Allround 7110 SK-PVC UL/CSA
1700182	5 G 2,5 (AWG 14)	10,1	125,00	209,00	black	V0: KAWEFLEX Allround 7110 SK-PVC UL/CSA
1700184	7 G 2,5 (AWG 14)	12,0	175,00	291,00	black	V0: KAWEFLEX Allround 7110 SK-PVC UL/CSA
1700189	12 G 2,5 (AWG 14)	18,6	300,00	565,00	black	V0: KAWEFLEX Allround 7110 SK-PVC UL/CSA
1700193	18 G 2,5 (AWG 14)	22,3	450,00	807,00	black	V0: KAWEFLEX Allround 7110 SK-PVC UL/CSA
1700200	25 G 2,5 (AWG 14)	25,0	625,00	1090,00	black	V0: KAWEFLEX Allround 7110 SK-PVC UL/CSA