



USE OF CABLE

flexible, shielded power and control cable for EMC compatible connecting at high electrical and mechanical requirements in drag chain applications and motion drive systems for machine and plant engineerings in the field of in crane and conveyor facilities in dry and humid rooms also outdoor.



SPECIAL FEATURES

- UL/CSA approved
- flame-retardant, halogen-free and low adhesion
- resistant to grease, coolant fluids and lubricants
- resistant to oil acc. to DIN EN 60811-404 168 h / +100 °C
- UV and weather resistant
- recommended for EMC-compatible applications
- 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
- very long lifetime, optimal cost-value ratio

PRODUCT INFORMATION

Conductor material:	Bare copper strand
Conductor class:	Acc. to DIN VDE 0295 cl. 6 resp. IEC 60228 cl. 6
Core insulation:	PELON®2
Core identification:	BK with numerals print + 1x GNYE
Overall stranding:	≤ 11 cores stranded in layers, ≥ 12 cores stranding in bundles around tensile strength, opt. lay length
Inner sheath material:	PUR, with Rip cord
Shield3:	Copper braid tinned, opt. coverage min. 85 %
Outer sheath:	PUR
Sheath colour:	Black (RAL 9005)
Rated voltage:	UL 1.000 V AC, cUL 600 V
Testing voltage:	3.000 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:	-25 °C / +80 °C
Burning behavior:	Acc. to IEC 60332-1, cable flame test, FT1
Approvals:	UL/CSA - cURus 80°C, 1000 V
Speed:	Self-supporting: max. 10 m/s, gliding: max. 5 m/s
Acceleration:	Max. 80 m/s ²
Bending cycles:	Up to 10 Mio.

ITEM OVERVIEW

Product No.	Dimension [n x mm ²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1702276	4 G 0,5 (AWG 21)	7,1	38,00	78,00	black	V0: KAWEFLEX Allround 7230 SK-C-PUR UL/CSA
1702277	5 G 0,5 (AWG 21)	7,5	44,00	89,00	black	V0: KAWEFLEX Allround 7230 SK-C-PUR UL/CSA
1702279	7 G 0,5 (AWG 21)	8,4	58,00	120,00	black	V0: KAWEFLEX Allround 7230 SK-C-PUR UL/CSA
1702281	9 G 0,5 (AWG 21)	10,8	71,00	151,00	black	V0: KAWEFLEX Allround 7230 SK-C-PUR UL/CSA
1702284	12 G 0,5 (AWG 21)	12,7	110,00	225,00	black	V0: KAWEFLEX Allround 7230 SK-C-PUR UL/CSA
1702290	18 G 0,5 (AWG 21)	15,2	165,00	310,00	black	V0: KAWEFLEX Allround 7230 SK-C-PUR UL/CSA
1702297	25 G 0,5 (AWG 21)	17,1	214,00	411,00	black	V0: KAWEFLEX Allround 7230 SK-C-PUR UL/CSA
1702302	30 G 0,5 (AWG 21)	18,2	267,00	498,00	black	V0: KAWEFLEX Allround 7230 SK-C-PUR UL/CSA
1702308	36 G 0,5 (AWG 21)	20,8	336,00	652,00	black	V0: KAWEFLEX Allround 7230 SK-C-PUR UL/CSA
1702315	3 G 0,75 (AWG 19)	7,3	40,00	74,00	black	V0: KAWEFLEX Allround 7230 SK-C-PUR UL/CSA
1702316	4 G 0,75 (AWG 19)	7,8	48,00	88,00	black	V0: KAWEFLEX Allround 7230 SK-C-PUR UL/CSA

KAWEFLEX® Allround 7230 SK-C-PUR UL/CSA

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1702317	5 G 0,75 (AWG 19)	8,4	58,00	108,00	black	V0: KAWEFLEX Allround 7230 SK-C-PUR UL/CSA
1702319	7 G 0,75 (AWG 19)	10,0	78,00	139,00	black	V0: KAWEFLEX Allround 7230 SK-C-PUR UL/CSA
1702324	12 G 0,75 (AWG 19)	14,6	147,00	290,00	black	V0: KAWEFLEX Allround 7230 SK-C-PUR UL/CSA
1702330	18 G 0,75 (AWG 19)	17,7	221,00	388,00	black	V0: KAWEFLEX Allround 7230 SK-C-PUR UL/CSA
1702337	25 G 0,75 (AWG 19)	19,8	385,00	521,00	black	V0: KAWEFLEX Allround 7230 SK-C-PUR UL/CSA
1702348	36 G 0,75 (AWG 19)	23,3	489,00	820,00	black	V0: KAWEFLEX Allround 7230 SK-C-PUR UL/CSA
1702354	42 G 0,75 (AWG 19)	25,0	526,00	990,00	black	V0: KAWEFLEX Allround 7230 SK-C-PUR UL/CSA
1702361	3 G 1 (AWG 18)	7,9	51,00	94,00	black	V0: KAWEFLEX Allround 7230 SK-C-PUR UL/CSA
1702362	4 G 1 (AWG 18)	8,7	64,00	116,00	black	V0: KAWEFLEX Allround 7230 SK-C-PUR UL/CSA
1702363	5 G 1 (AWG 18)	9,5	75,00	140,00	black	V0: KAWEFLEX Allround 7230 SK-C-PUR UL/CSA
1702365	7 G 1 (AWG 18)	10,9	99,00	186,00	black	V0: KAWEFLEX Allround 7230 SK-C-PUR UL/CSA
1702370	12 G 1 (AWG 18)	15,4	180,00	363,00	black	V0: KAWEFLEX Allround 7230 SK-C-PUR UL/CSA
1702376	18 G 1 (AWG 18)	19,3	272,00	535,00	black	V0: KAWEFLEX Allround 7230 SK-C-PUR UL/CSA
1702383	25 G 1 (AWG 18)	22,2	366,00	712,00	black	V0: KAWEFLEX Allround 7230 SK-C-PUR UL/CSA
1702386	36 G 1 (AWG 18)	25,3	493,00	898,00	black	V0: KAWEFLEX Allround 7230 SK-C-PUR UL/CSA
1702389	42 G 1 (AWG 18)	26,7	565,00	1001,00	black	V0: KAWEFLEX Allround 7230 SK-C-PUR UL/CSA
1702395	3 G 1,5 (AWG 16)	8,4	70,00	116,00	black	V0: KAWEFLEX Allround 7230 SK-C-PUR UL/CSA
1702396	4 G 1,5 (AWG 16)	9,0	87,00	144,00	black	V0: KAWEFLEX Allround 7230 SK-C-PUR UL/CSA
1702397	5 G 1,5 (AWG 16)	9,8	136,00	171,00	black	V0: KAWEFLEX Allround 7230 SK-C-PUR UL/CSA
1702399	7 G 1,5 (AWG 16)	11,4	171,00	240,00	black	V0: KAWEFLEX Allround 7230 SK-C-PUR UL/CSA
1702404	12 G 1,5 (AWG 16)	17,1	247,00	460,00	black	V0: KAWEFLEX Allround 7230 SK-C-PUR UL/CSA
1702410	18 G 1,5 (AWG 16)	21,4	381,00	630,00	black	V0: KAWEFLEX Allround 7230 SK-C-PUR UL/CSA
1702417	25 G 1,5 (AWG 16)	23,8	496,00	894,00	black	V0: KAWEFLEX Allround 7230 SK-C-PUR UL/CSA
1702428	36 G 1,5 (AWG 16)	28,8	764,00	1230,00	black	V0: KAWEFLEX Allround 7230 SK-C-PUR UL/CSA
1702431	42 G 1,5 (AWG 16)	30,1	830,00	1312,00	black	V0: KAWEFLEX Allround 7230 SK-C-PUR UL/CSA
1702435	3 G 2,5 (AWG 14)	9,5	102,00	161,00	black	V0: KAWEFLEX Allround 7230 SK-C-PUR UL/CSA
1702436	4 G 2,5 (AWG 14)	10,6	134,00	206,00	black	V0: KAWEFLEX Allround 7230 SK-C-PUR UL/CSA
1702437	5 G 2,5 (AWG 14)	11,2	156,00	238,00	black	V0: KAWEFLEX Allround 7230 SK-C-PUR UL/CSA
1702439	7 G 2,5 (AWG 14)	13,5	232,00	350,00	black	V0: KAWEFLEX Allround 7230 SK-C-PUR UL/CSA
1702444	12 G 2,5 (AWG 14)	22,7	420,00	745,00	black	V0: KAWEFLEX Allround 7230 SK-C-PUR UL/CSA
1702450	18 G 2,5 (AWG 14)	27,5	637,00	1114,00	black	V0: KAWEFLEX Allround 7230 SK-C-PUR UL/CSA
1702457	25 G 2,5 (AWG 14)	30,1	805,00	1380,00	black	V0: KAWEFLEX Allround 7230 SK-C-PUR UL/CSA