



USE OF CABLE

twisted pair shielded electronic cable for data and signal transmission for increased requirements in drag chains, in electrical motion facilities, machine and plant engineering in the field of crane and conveyor facilities in dry and humid rooms also outdoor.



SPECIAL FEATURES

- UL/CSA approved
- resistant to oil acc. to EN 60811-404 (only mineral oil) 168 h bei +80 °C
- flame-retardant
- UV and weather resistant
- silicone-free
- recommended for EMC-applications
- NEW: with Rip Cord, 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:	PELON®2
Core identification:	Acc. to DIN 47100
Overall stranding:	Pairs stranded around tensile strength center, opt. lay length, with Rip Cord
Shield3:	Copper braid tinned, opt. coverage min. 85%
Outer sheath:	PVC
Sheath colour:	Black (RAL 9005)
Rated voltage:	300/300 V
Testing voltage:	1.500 V
Conductor resistance:	At +20 °C acc. to DIN VDE 0295 cl. 6/IEC 60228 cl. 6
Min. bending radius fixed:	5 x d
Min. bending radius moved:	10 x d
Operat. temp. fixed min/max:	-20 °C / +80 °C
Operat. temp. moved min/max:	-5 °C / +80 °C
Burning behavior:	Acc. to IEC 60332-1, cable flame test, FT1
Approvals:	UL/CSA - cURus 80 °C, 300 V
Speed:	Self-supporting: max. 5 m/s, gliding: max. 3 m/s
Acceleration:	Max. 50 m/s ²
Bending cycles:	Up to 5 Mio.

ITEM OVERVIEW

Product No.	Dimension [n x mm ²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1703801	2 X 2 X 0,25 (AWG 24)	5,1	21,00	80,00	black	V0: KAWEFLEX Allround 7710 SK-TP-C-PVC UL/CSA
1703802	3 X 2 X 0,25 (AWG 24)	6,7	32,00	94,00	black	V0: KAWEFLEX Allround 7710 SK-TP-C-PVC UL/CSA
1703803	4 X 2 X 0,25 (AWG 24)	7,6	38,00	107,00	black	V0: KAWEFLEX Allround 7710 SK-TP-C-PVC UL/CSA
1703804	5 X 2 X 0,25 (AWG 24)	8,2	47,00	121,00	black	V0: KAWEFLEX Allround 7710 SK-TP-C-PVC UL/CSA
1703805	6 X 2 X 0,25 (AWG 24)	9,3	52,00	142,00	black	V0: KAWEFLEX Allround 7710 SK-TP-C-PVC UL/CSA
1703807	8 X 2 X 0,25 (AWG 24)	10,3	66,00	172,00	black	V0: KAWEFLEX Allround 7710 SK-TP-C-PVC UL/CSA
1703809	10 X 2 X 0,25 (AWG 24)	11,9	82,00	195,00	black	V0: KAWEFLEX Allround 7710 SK-TP-C-PVC UL/CSA
1703813	14 X 2 X 0,25 (AWG 24)	12,5	102,00	229,00	black	V0: KAWEFLEX Allround 7710 SK-TP-C-PVC UL/CSA
1703825	2 X 2 X 0,34 (AWG 22)	6,0	25,00	94,00	black	V0: KAWEFLEX Allround 7710 SK-TP-C-PVC UL/CSA
1703826	3 X 2 X 0,34 (AWG 22)	7,5	38,00	104,00	black	V0: KAWEFLEX Allround 7710 SK-TP-C-PVC UL/CSA
1703827	4 X 2 X 0,34 (AWG 22)	8,1	45,00	120,00	black	V0: KAWEFLEX Allround 7710 SK-TP-C-PVC UL/CSA

KAWEFLEX® Allround 7710 SK-TP-C-PVC UL/CSA

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1703828	5 X 2 X 0,34 (AWG 22)	8,7	56,00	143,00	black	V0: KAWEFLEX Allround 7710 SK-TP-C-PVC UL/CSA
1703829	6 X 2 X 0,34 (AWG 22)	9,6	67,00	162,00	black	V0: KAWEFLEX Allround 7710 SK-TP-C-PVC UL/CSA
1703831	8 X 2 X 0,34 (AWG 22)	11,0	81,00	195,00	black	V0: KAWEFLEX Allround 7710 SK-TP-C-PVC UL/CSA
1703833	10 X 2 X 0,34 (AWG 22)	12,7	101,00	224,00	black	V0: KAWEFLEX Allround 7710 SK-TP-C-PVC UL/CSA
1703837	14 X 2 X 0,34 (AWG 22)	12,7	128,00	277,00	black	V0: KAWEFLEX Allround 7710 SK-TP-C-PVC UL/CSA
1703849	2 X 2 X 0,5 (AWG 21)	6,4	33,00	114,00	black	V0: KAWEFLEX Allround 7710 SK-TP-C-PVC UL/CSA
1703850	3 X 2 X 0,5 (AWG 21)	8,0	48,00	129,00	black	V0: KAWEFLEX Allround 7710 SK-TP-C-PVC UL/CSA
1703851	4 X 2 X 0,5 (AWG 21)	8,6	62,00	166,00	black	V0: KAWEFLEX Allround 7710 SK-TP-C-PVC UL/CSA
1703852	5 X 2 X 0,5 (AWG 21)	9,8	76,00	178,00	black	V0: KAWEFLEX Allround 7710 SK-TP-C-PVC UL/CSA
1703853	6 X 2 X 0,5 (AWG 21)	10,5	86,00	202,00	black	V0: KAWEFLEX Allround 7710 SK-TP-C-PVC UL/CSA
1703855	8 X 2 X 0,5 (AWG 21)	12,2	111,00	248,00	black	V0: KAWEFLEX Allround 7710 SK-TP-C-PVC UL/CSA
1703857	10 X 2 X 0,5 (AWG 21)	14,1	143,00	296,00	black	V0: KAWEFLEX Allround 7710 SK-TP-C-PVC UL/CSA
1703861	14 X 2 X 0,5 (AWG 21)	14,5	183,00	361,00	black	V0: KAWEFLEX Allround 7710 SK-TP-C-PVC UL/CSA