



## USE OF CABLE

twisted pair shielded electronic cable for data and signal transmission for high 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 DIN EN 60811-404, 168 h at +100 °C
- flame-retardant and halogen-free
- UV and weather resistant
- silicone-free
- recommended for EMC-application
- NEW: with Rip Cord, 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:	Acc. to DIN 47100
Overall stranding:	Pairs stranded around tensile strength center, 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:	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:	-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, 300 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 10 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
1704101	2 X 2 X 0,25 (AWG 24)	6,5	26,00	76,00	black	V0: KAWEFLEX Allround 7720 SK-TP-C-PUR UL/CSA
1704102	3 X 2 X 0,25 (AWG 24)	8,1	37,00	85,00	black	V0: KAWEFLEX Allround 7720 SK-TP-C-PUR UL/CSA
1704103	4 X 2 X 0,25 (AWG 24)	8,8	42,00	97,00	black	V0: KAWEFLEX Allround 7720 SK-TP-C-PUR UL/CSA
1704104	5 X 2 X 0,25 (AWG 24)	9,5	52,00	110,00	black	V0: KAWEFLEX Allround 7720 SK-TP-C-PUR UL/CSA
1704105	6 X 2 X 0,25 (AWG 24)	10,1	57,00	130,00	black	V0: KAWEFLEX Allround 7720 SK-TP-C-PUR UL/CSA
1704107	8 X 2 X 0,25 (AWG 24)	11,3	72,00	158,00	black	V0: KAWEFLEX Allround 7720 SK-TP-C-PUR UL/CSA
1704109	10 X 2 X 0,25 (AWG 24)	12,9	93,00	179,00	black	V0: KAWEFLEX Allround 7720 SK-TP-C-PUR UL/CSA
1704113	14 X 2 X 0,25 (AWG 24)	13,1	124,00	212,00	black	V0: KAWEFLEX Allround 7720 SK-TP-C-PUR UL/CSA
1704125	2 X 2 X 0,34 (AWG 22)	7,0	33,00	84,00	black	V0: KAWEFLEX Allround 7720 SK-TP-C-PUR UL/CSA
1704126	3 X 2 X 0,34 (AWG 22)	8,5	41,00	94,00	black	V0: KAWEFLEX Allround 7720 SK-TP-C-PUR UL/CSA
1704127	4 X 2 X 0,34 (AWG 22)	9,2	49,00	109,00	black	V0: KAWEFLEX Allround 7720 SK-TP-C-PUR UL/CSA

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1704128	5 X 2 X 0,34 (AWG 22)	9,9	61,00	131,00	black	V0: KAWEFLEX Allround 7720 SK-TP-C-PUR UL/CSA
1704129	6 X 2 X 0,34 (AWG 22)	10,5	67,00	149,00	black	V0: KAWEFLEX Allround 7720 SK-TP-C-PUR UL/CSA
1704131	8 X 2 X 0,34 (AWG 22)	12,2	87,00	180,00	black	V0: KAWEFLEX Allround 7720 SK-TP-C-PUR UL/CSA
1704133	10 X 2 X 0,34 (AWG 22)	13,8	112,40	207,00	black	V0: KAWEFLEX Allround 7720 SK-TP-C-PUR UL/CSA
1704137	14 X 2 X 0,34 (AWG 22)	14,0	139,00	258,00	black	V0: KAWEFLEX Allround 7720 SK-TP-C-PUR UL/CSA
1704149	2 X 2 X 0,5 (AWG 21)	7,5	38,00	103,00	black	V0: KAWEFLEX Allround 7720 SK-TP-C-PUR UL/CSA
1704150	3 X 2 X 0,5 (AWG 21)	9,3	54,00	117,00	black	V0: KAWEFLEX Allround 7720 SK-TP-C-PUR UL/CSA
1704151	4 X 2 X 0,5 (AWG 21)	9,9	66,00	143,00	black	V0: KAWEFLEX Allround 7720 SK-TP-C-PUR UL/CSA
1704152	5 X 2 X 0,5 (AWG 21)	11,0	79,00	154,00	black	V0: KAWEFLEX Allround 7720 SK-TP-C-PUR UL/CSA
1704153	6 X 2 X 0,5 (AWG 21)	11,6	89,00	187,00	black	V0: KAWEFLEX Allround 7720 SK-TP-C-PUR UL/CSA
1704155	8 X 2 X 0,5 (AWG 21)	13,5	122,00	230,00	black	V0: KAWEFLEX Allround 7720 SK-TP-C-PUR UL/CSA
1704157	10 X 2 X 0,5 (AWG 21)	15,4	152,00	278,00	black	V0: KAWEFLEX Allround 7720 SK-TP-C-PUR UL/CSA
1704161	14 X 2 X 0,5 (AWG 21)	15,8	192,00	340,00	black	V0: KAWEFLEX Allround 7720 SK-TP-C-PUR UL/CSA