



USE OF CABLE

twisted pair shielded electronic cable for data and signal transmission for highest 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

- resistant to oil acc. to DIN EN 60811-404, 4 h at +100 °C
- UV, Ozone and weather resistant acc. EN 50396 and HD 605 S2
- resistant to coolant fluids, microbes, hydrofluoric acid, salt acid and weakened sulfuric
- immune at contact with bio oil, grease, waxing and whose emulsion on herbal, animal or synth. base
- NEW: with Ripcord, for faster and core protected dismantling
- NEW: up from production date August 2016 with UL/CSA-approval

REMARKS

- free from lacquer damaging substances and silicone (during production)
- conform to RoHS
- conform to 2014/35/EU-Guideline ("Low-Voltage Directive") CE
- recommended for EMC-applications

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:	≤ 0,75 mm ² acc. DIN 47100, > 0,75 mm ² BK with WH numerals
Overall stranding:	Pairs stranded around tensile strength center, opt. lay length
Inner sheath material:	TPE, with Rip cord
Shield3:	Copper braid tinned, opt. coverage min. 85 %
Outer sheath:	TPE
Sheath colour:	Black (RAL 9005)
Rated voltage:	300/300 V / ≥ 0,75 mm ² 1.000 V (UL)
Testing voltage:	1.500 V / 3.000 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 / +100 °C (UL: 90 °C)
Operat. temp. moved min/max:	-25 °C / +100 °C (UL: 90 °C)
Burning behavior:	Acc. to IEC 60332-1, cable flame test, FT1
Approvals:	UL/CSA - cURus 90 °C, 1.000 V (≥ 0,75 mm ²)
Speed:	Self-supporting: max. 10 m/s, gliding: max. 5 m/s
Acceleration:	Max. 100 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
1704172	2 X 2 X 0,25 (AWG 24)	6,5	26,00	66,00	black	V1: KAWEFLEX Allround 7730 SK-TP-C-TPE UL/CSA - DIN47100
1704173	3 X 2 X 0,25 (AWG 24)	8,1	37,00	74,00	black	V1: KAWEFLEX Allround 7730 SK-TP-C-TPE UL/CSA - DIN47100
1704174	4 X 2 X 0,25 (AWG 24)	8,8	42,00	85,00	black	V1: KAWEFLEX Allround 7730 SK-TP-C-TPE UL/CSA - DIN47100
1704175	5 X 2 X 0,25 (AWG 24)	10,0	52,00	97,00	black	V1: KAWEFLEX Allround 7730 SK-TP-C-TPE UL/CSA - DIN47100
1704176	6 X 2 X 0,25 (AWG 24)	10,1	57,00	118,00	black	V1: KAWEFLEX Allround 7730 SK-TP-C-TPE UL/CSA - DIN47100
1704178	8 X 2 X 0,25 (AWG 24)	11,3	72,00	142,00	black	V1: KAWEFLEX Allround 7730 SK-TP-C-TPE UL/CSA - DIN47100
1704179	9 X 2 X 0,25 (AWG 24)	12,3	78,00	149,00	black	V1: KAWEFLEX Allround 7730 SK-TP-C-TPE UL/CSA - DIN47100
1704180	10 X 2 X 0,25 (AWG 24)	12,9	93,00	151,00	black	V1: KAWEFLEX Allround 7730 SK-TP-C-TPE UL/CSA - DIN47100
1704184	14 X 2 X 0,25 (AWG 24)	13,1	113,00	192,00	black	V1: KAWEFLEX Allround 7730 SK-TP-C-TPE UL/CSA - DIN47100
1704196	2 X 2 X 0,34 (AWG 22)	7,0	31,00	84,00	black	V1: KAWEFLEX Allround 7730 SK-TP-C-TPE UL/CSA - DIN47100
1704197	3 X 2 X 0,34 (AWG 22)	8,5	43,00	94,00	black	V1: KAWEFLEX Allround 7730 SK-TP-C-TPE UL/CSA - DIN47100

KAWEFLEX® Allround 7730 SK-TP-C-TPE UL/CSA

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1704198	4 X 2 X 0,34 (AWG 22)	9,2	49,00	109,00	black	V1: KAWEFLEX Allround 7730 SK-TP-C-TPE UL/CSA - DIN47100
1704199	5 X 2 X 0,34 (AWG 22)	9,9	61,00	131,00	black	V1: KAWEFLEX Allround 7730 SK-TP-C-TPE UL/CSA - DIN47100
1704200	6 X 2 X 0,34 (AWG 22)	10,5	67,00	149,00	black	V1: KAWEFLEX Allround 7730 SK-TP-C-TPE UL/CSA - DIN47100
1704202	8 X 2 X 0,34 (AWG 22)	12,2	87,00	180,00	black	V1: KAWEFLEX Allround 7730 SK-TP-C-TPE UL/CSA - DIN47100
1704204	10 X 2 X 0,34 (AWG 22)	13,8	112,00	207,00	black	V1: KAWEFLEX Allround 7730 SK-TP-C-TPE UL/CSA - DIN47100
1704208	14 X 2 X 0,34 (AWG 22)	14,0	139,00	258,00	black	V1: KAWEFLEX Allround 7730 SK-TP-C-TPE UL/CSA - DIN47100
1704220	2 X 2 X 0,5 (AWG 21)	7,5	38,00	103,00	black	V1: KAWEFLEX Allround 7730 SK-TP-C-TPE UL/CSA - DIN47100
1704221	3 X 2 X 0,5 (AWG 21)	9,3	54,00	117,00	black	V1: KAWEFLEX Allround 7730 SK-TP-C-TPE UL/CSA - DIN47100
1704222	4 X 2 X 0,5 (AWG 21)	9,9	66,00	143,00	black	V1: KAWEFLEX Allround 7730 SK-TP-C-TPE UL/CSA - DIN47100
1704223	5 X 2 X 0,5 (AWG 21)	11,0	79,00	154,00	black	V1: KAWEFLEX Allround 7730 SK-TP-C-TPE UL/CSA - DIN47100
1704224	6 X 2 X 0,5 (AWG 21)	11,6	89,00	187,00	black	V1: KAWEFLEX Allround 7730 SK-TP-C-TPE UL/CSA - DIN47100
1704226	8 X 2 X 0,5 (AWG 21)	13,5	122,00	230,00	black	V1: KAWEFLEX Allround 7730 SK-TP-C-TPE UL/CSA - DIN47100
1704228	10 X 2 X 0,5 (AWG 21)	15,4	152,00	278,00	black	V1: KAWEFLEX Allround 7730 SK-TP-C-TPE UL/CSA - DIN47100
1704232	14 X 2 X 0,5 (AWG 21)	15,8	192,00	340,00	black	V1: KAWEFLEX Allround 7730 SK-TP-C-TPE UL/CSA - DIN47100
1704233	6 X 2 X 1,5 (AWG 16)	17,5	250,00	380,00	black	V2: KAWEFLEX Allround 7730 SK-TP-C-TPE UL/CSA - OZ