



USE OF CABLE

twisted pair shielded electronic cable for data and signal transmission for high electrical and mechanical requirements in drag chains, in electrical motion facilities, machine tools and handling automats.



SPECIAL FEATURES

- UL/CSA approved
- low adhesion, silicone-free
- UV-resistant
- halogen free, flame-retardant acc. to IEC 60332-1-2, FT1, VW1
- oilresistant acc. to DIN EN 60811-404
- largely resistant to grease, coolant fluids and lubricants
- recommended for EMC-compatible applications

REMARKS

- conform to RoHS
- conform to 2014/35/EU-Guideline ("Low-Voltage Directive") CE
- We are pleased to produce special versions, other dimensions, core and jacket colours on request.

PRODUCT INFORMATION

Conductor material:	Bare copper strand
Conductor class:	Super fine wires acc.to VDE 0295 cl. 6 pt. 4 resp. IEC60228 cl. 6 pt. 4
Core insulation:	PELON®2
Core identification:	Coloured acc. to DIN 47100
Overall stranding:	Cores twisted to pairs, pairs stranded in layers
Shield3:	Copper braid tinned, coverage approx. 85% ± 5%
Outer sheath:	PUR
Sheath colour:	Grey RAL 7001
Rated voltage:	Acc. to VDE: 300/300V; acc. to UL: 300 V
Testing voltage:	Core/core: 1.500 V; core/shield: 500 V
Conductor resistance:	At +20 °C acc. to DIN VDE 0295 cl.6 resp. IEC60228 cl.6
Insulation resistance:	At +20 °C ≥ 500 MΩ x km
Current-carrying-capacity:	Acc. to DIN VDE
Capacity:	Core/core: approx. 65 pF/m
Inductivity:	Approx. 0,6 mH/km
Min. bending radius fixed:	5 x d
Min. bending radius moved:	7,5 x d < 10 m TL; 10 x d ≥ 10 m TL
Operat. temp. fixed min/max:	-50 °C / +80 °C
Operat. temp. moved min/max:	-40 °C / +80 °C
Burning behavior:	Flame-retardant acc. to IEC 60332-1-2, FT1, VW1
Resistant to oil:	Acc. to DIN EN 60811-2-1
Approvals:	UL/CSA - cURus 300V, 80°C
Speed:	Self-supporting: max. 10 m/s, gliding: max. 5 m/s
Acceleration:	Max. 20 m/s²

ITEM OVERVIEW

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1505002	2 X 2 X 0,14 (AWG 26)	5,9	17,00	30,00	grey	V0: KAWEFLEX 6530 SK-TP-C-PUR UL/CSA
1505003	3 X 2 X 0,14 (AWG 26)	6,2	21,00	37,00	grey	V0: KAWEFLEX 6530 SK-TP-C-PUR UL/CSA
1505004	4 X 2 X 0,14 (AWG 26)	6,6	25,00	42,00	grey	V0: KAWEFLEX 6530 SK-TP-C-PUR UL/CSA
1505005	6 X 2 X 0,14 (AWG 26)	7,4	34,00	68,00	grey	V0: KAWEFLEX 6530 SK-TP-C-PUR UL/CSA
1505006	8 X 2 X 0,14 (AWG 26)	8,8	42,00	90,00	grey	V0: KAWEFLEX 6530 SK-TP-C-PUR UL/CSA
1505007	10 X 2 X 0,14 (AWG 26)	10,1	50,00	102,00	grey	V0: KAWEFLEX 6530 SK-TP-C-PUR UL/CSA
1505008	1 X 2 X 0,25 (AWG 24)	4,7	15,00	30,00	grey	V0: KAWEFLEX 6530 SK-TP-C-PUR UL/CSA
1505009	2 X 2 X 0,25 (AWG 24)	6,3	26,00	43,00	grey	V0: KAWEFLEX 6530 SK-TP-C-PUR UL/CSA
1505010	3 X 2 X 0,25 (AWG 24)	6,6	32,00	51,00	grey	V0: KAWEFLEX 6530 SK-TP-C-PUR UL/CSA
1505011	4 X 2 X 0,25 (AWG 24)	7,2	41,00	62,00	grey	V0: KAWEFLEX 6530 SK-TP-C-PUR UL/CSA

KAWEFLEX® 6530 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
1505012	5 X 2 X 0,25 (AWG 24)	7,8	46,00	71,00	grey	V0: KAWEFLEX 6530 SK-TP-C-PUR UL/CSA
1505013	6 X 2 X 0,25 (AWG 24)	8,6	54,00	82,00	grey	V0: KAWEFLEX 6530 SK-TP-C-PUR UL/CSA
1505014	8 X 2 X 0,25 (AWG 24)	10,3	67,00	102,00	grey	V0: KAWEFLEX 6530 SK-TP-C-PUR UL/CSA
1505015	10 X 2 X 0,25 (AWG 24)	10,7	87,00	127,00	grey	V0: KAWEFLEX 6530 SK-TP-C-PUR UL/CSA
1505016	14 X 2 X 0,25 (AWG 24)	11,9	110,00	176,00	grey	V0: KAWEFLEX 6530 SK-TP-C-PUR UL/CSA
1505017	1 X 2 X 0,34 (AWG 22)	4,9	17,00	37,00	grey	V0: KAWEFLEX 6530 SK-TP-C-PUR UL/CSA
1505018	2 X 2 X 0,34 (AWG 22)	6,7	31,00	59,00	grey	V0: KAWEFLEX 6530 SK-TP-C-PUR UL/CSA
1505019	3 X 2 X 0,34 (AWG 22)	7,1	42,00	68,00	grey	V0: KAWEFLEX 6530 SK-TP-C-PUR UL/CSA
1505020	4 X 2 X 0,34 (AWG 22)	7,7	50,00	75,00	grey	V0: KAWEFLEX 6530 SK-TP-C-PUR UL/CSA
1505021	6 X 2 X 0,34 (AWG 22)	9,3	77,00	113,00	grey	V0: KAWEFLEX 6530 SK-TP-C-PUR UL/CSA
1505022	8 X 2 X 0,34 (AWG 22)	11,5	96,00	134,00	grey	V0: KAWEFLEX 6530 SK-TP-C-PUR UL/CSA
1505023	10 X 2 X 0,34 (AWG 22)	12,5	113,00	164,00	grey	V0: KAWEFLEX 6530 SK-TP-C-PUR UL/CSA
1505024	1 X 2 X 0,5 (AWG 21)	5,2	28,00	44,00	grey	V0: KAWEFLEX 6530 SK-TP-C-PUR UL/CSA
1505025	2 X 2 X 0,5 (AWG 21)	7,3	42,00	60,00	grey	V0: KAWEFLEX 6530 SK-TP-C-PUR UL/CSA
1505026	3 X 2 X 0,5 (AWG 21)	7,7	55,00	74,00	grey	V0: KAWEFLEX 6530 SK-TP-C-PUR UL/CSA
1505027	4 X 2 X 0,5 (AWG 21)	8,6	67,00	90,00	grey	V0: KAWEFLEX 6530 SK-TP-C-PUR UL/CSA
1505028	5 X 2 X 0,5 (AWG 21)	9,3	80,00	112,00	grey	V0: KAWEFLEX 6530 SK-TP-C-PUR UL/CSA
1505029	6 X 2 X 0,5 (AWG 21)	10,3	99,00	125,00	grey	V0: KAWEFLEX 6530 SK-TP-C-PUR UL/CSA
1505030	8 X 2 X 0,5 (AWG 21)	12,2	127,00	169,00	grey	V0: KAWEFLEX 6530 SK-TP-C-PUR UL/CSA
1505031	10 X 2 X 0,5 (AWG 21)	14,2	152,00	198,00	grey	V0: KAWEFLEX 6530 SK-TP-C-PUR UL/CSA
1505032	14 X 2 X 0,5 (AWG 21)	14,4	197,00	258,00	grey	V0: KAWEFLEX 6530 SK-TP-C-PUR UL/CSA
1505033	2 X 2 X 0,75 (AWG 19)	8,3	54,00	90,00	grey	V0: KAWEFLEX 6530 SK-TP-C-PUR UL/CSA
1505034	3 X 2 X 0,75 (AWG 19)	8,7	69,00	128,00	grey	V0: KAWEFLEX 6530 SK-TP-C-PUR UL/CSA
1505035	4 X 2 X 0,75 (AWG 19)	9,5	94,00	178,00	grey	V0: KAWEFLEX 6530 SK-TP-C-PUR UL/CSA
1505036	6 X 2 X 0,75 (AWG 19)	11,6	134,00	234,00	grey	V0: KAWEFLEX 6530 SK-TP-C-PUR UL/CSA
1505037	8 X 2 X 0,75 (AWG 19)	13,7	169,00	243,00	grey	V0: KAWEFLEX 6530 SK-TP-C-PUR UL/CSA
1505038	10 X 2 X 0,75 (AWG 19)	15,3	213,00	279,00	grey	V0: KAWEFLEX 6530 SK-TP-C-PUR UL/CSA
1505039	14 X 2 X 0,75 (AWG 19)	15,7	281,00	420,00	grey	V0: KAWEFLEX 6530 SK-TP-C-PUR UL/CSA
1505040	2 X 2 X 1 (AWG 18)	9,0	68,00	101,00	grey	V0: KAWEFLEX 6530 SK-TP-C-PUR UL/CSA
1505041	4 X 2 X 1 (AWG 18)	10,5	113,00	185,00	grey	V0: KAWEFLEX 6530 SK-TP-C-PUR UL/CSA
1505042	6 X 2 X 1 (AWG 18)	12,6	167,00	260,00	grey	V0: KAWEFLEX 6530 SK-TP-C-PUR UL/CSA
1505043	6 X 2 X 1,5 (AWG 16)	14,5	250,00	380,00	grey	V0: KAWEFLEX 6530 SK-TP-C-PUR UL/CSA