KAWEFLEX® 6310 SK-PVC UL/CSA

USE OF CABLE

electronic drag chain cable for data and signal transmission for normal requirements in drag chains and moving drive systems.

SPECIAL FEATURES

- UL/CSA approved, conform to DESINA
- low adhesion, silicone-free
- flame-retardant acc. to IEC 60332-1-2, FT1, VW1
- oilresistant acc. to DIN EN 60811-404 (only mineral oil)
- largely resistant to grease, coolant fluids and lubricants

REMARKS

- conform to RoHS
- conform to 2014/35/EU-Guideline ("Low-Voltage Direcitve") 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 stranded in layers
Outer sheath:	PVC
Sheath colour:	Grey RAL 7001
Rated voltage:	Acc. to VDE: 300/300V; acc. to UL: 300 V
Testing voltage:	Core/core: 1.500 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. 55 pF/m
Inductivity:	Approx. 0,6 mH/km
Min. bending radius fixed:	5 x d
Min. bending radius moved:	7,5 x d < 10m TL; 10 x d ≥ 10m TL
Operat. temp. fixed min/max:	-40 °C / +80 °C
Operat. temp. moved min/max:	-5 °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 (only mineral oil)
Approvals:	UL/CSA - cURus 300V, 80°C
Speed:	Self-supporting: max. 5 m/s, gliding max. 2,5 m/s
Acceleration:	Max. 10 m/s²

ITEM OVERVIEW

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1504874	2 X 0,14 (AWG 26)	4,0	2,90	15,00	grey	V0: KAWEFLEX 6310 SK-PVC UL/CSA
1504875	3 X 0,14 (AWG 26)	4,1	4,40	18,00	grey	V0: KAWEFLEX 6310 SK-PVC UL/CSA
1504876	4 X 0,14 (AWG 26)	4,4	5,80	21,00	grey	V0: KAWEFLEX 6310 SK-PVC UL/CSA
1504877	5 X 0,14 (AWG 26)	4,7	7,20	25,00	grey	V0: KAWEFLEX 6310 SK-PVC UL/CSA
1504878	7 X 0,14 (AWG 26)	5,3	10,20	35,00	grey	V0: KAWEFLEX 6310 SK-PVC UL/CSA
1504879	10 X 0,14 (AWG 26)	6,4	14,50	48,00	grey	V0: KAWEFLEX 6310 SK-PVC UL/CSA
1504880	14 X 0,14 (AWG 26)	6,6	20,60	60,00	grey	V0: KAWEFLEX 6310 SK-PVC UL/CSA

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Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1504881	18 X 0,14 (AWG 26)	7,2	26,50	74,00	grey	V0: KAWEFLEX 6310 SK-PVC UL/CSA
1504882	25 X 0,14 (AWG 26)	8,8	37,10	106,00	grey	V0: KAWEFLEX 6310 SK-PVC UL/CSA
1504883	2 X 0,25 (AWG 24)	4,3	5,10	20,00	grey	V0: KAWEFLEX 6310 SK-PVC UL/CSA
1504884	3 X 0,25 (AWG 24)	4,5	7,50	25,00	grey	V0: KAWEFLEX 6310 SK-PVC UL/CSA
1504885	4 X 0,25 (AWG 24)	4,8	10,00	31,00	grey	V0: KAWEFLEX 6310 SK-PVC UL/CSA
1504886	5 X 0,25 (AWG 24)	5,1	12,50	37,00	grey	V0: KAWEFLEX 6310 SK-PVC UL/CSA
1504887	7 X 0,25 (AWG 24)	5,8	17,80	53,00	grey	V0: KAWEFLEX 6310 SK-PVC UL/CSA
1504888	10 X 0,25 (AWG 24)	7,1	25,60	75,00	grey	V0: KAWEFLEX 6310 SK-PVC UL/CSA
1504889	14 X 0,25 (AWG 24)	7,3	35,80	91,00	grey	V0: KAWEFLEX 6310 SK-PVC UL/CSA
1504890	18 X 0,25 (AWG 24)	8,0	46,20	115,00	grey	V0: KAWEFLEX 6310 SK-PVC UL/CSA
1504891	25 X 0,25 (AWG 24)	9,9	64,50	165,00	grey	V0: KAWEFLEX 6310 SK-PVC UL/CSA
1504892	2 X 0,34 (AWG 22)	4,5	6,80	29,00	grey	V0: KAWEFLEX 6310 SK-PVC UL/CSA
1504893	3 X 0,34 (AWG 22)	4,7	10,20	33,00	grey	V0: KAWEFLEX 6310 SK-PVC UL/CSA
1504894	4 X 0,34 (AWG 22)	5,0	13,60	36,00	grey	V0: KAWEFLEX 6310 SK-PVC UL/CSA
1504895	5 X 0,34 (AWG 22)	5,4	17,00	43,00	grey	V0: KAWEFLEX 6310 SK-PVC UL/CSA
1504896	7 X 0,34 (AWG 22)	6,2	23,80	62,00	grey	V0: KAWEFLEX 6310 SK-PVC UL/CSA
1504897	10 X 0,34 (AWG 22)	7,6	34,00	88,00	grey	V0: KAWEFLEX 6310 SK-PVC UL/CSA
1504898	14 X 0,34 (AWG 22)	7,8	47,60	108,00	grey	V0: KAWEFLEX 6310 SK-PVC UL/CSA
1504899	18 X 0,34 (AWG 22)	8,8	61,20	136,00	grey	V0: KAWEFLEX 6310 SK-PVC UL/CSA
1504900	25 X 0,34 (AWG 22)	10,6	88,00	195,00	grey	V0: KAWEFLEX 6310 SK-PVC UL/CSA