



USE OF CABLE

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



SPECIAL FEATURES

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

REMARKS

- conform to RoHS
- conform to 2014/35/EU-Guideline ("Low-Voltage Directive")
- 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:	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
Conductor resistance:	At +20 °C acc. to DIN VDE 0295 cl.6 resp. IEC60228 cl.6
Insulation resistance:	At +20 °C $\geq 500 \text{ M}\Omega \times \text{km}$
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 < 10 m TL; 10 x d $\geq 10 \text{ m TL}$
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
Resistant to oil:	Acc. to DIN EN 60811-404
Approvals:	UL/CSA - cURus 300V, 80°C
Speed:	Self-supporting: max. 10 m/s, gliding: max. 5 m/s
Acceleration:	Max. 20 m/s ²

ITEM OVERVIEW

Product No.	Dimension [n x mm ²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1504901	2 X 0,14 (AWG 26)	4,0	2,90	17,00	grey	V0: KAWEFLEX 6330 SK-PUR UL/CSA
1504902	3 X 0,14 (AWG 26)	4,1	4,40	19,00	grey	V0: KAWEFLEX 6330 SK-PUR UL/CSA
1504903	4 X 0,14 (AWG 26)	4,4	5,80	23,00	grey	V0: KAWEFLEX 6330 SK-PUR UL/CSA
1504904	5 X 0,14 (AWG 26)	4,7	7,20	26,00	grey	V0: KAWEFLEX 6330 SK-PUR UL/CSA
1504905	7 X 0,14 (AWG 26)	5,3	10,20	33,00	grey	V0: KAWEFLEX 6330 SK-PUR UL/CSA
1504906	10 X 0,14 (AWG 26)	6,4	14,50	46,00	grey	V0: KAWEFLEX 6330 SK-PUR UL/CSA
1504907	14 X 0,14 (AWG 26)	6,6	20,60	58,00	grey	V0: KAWEFLEX 6330 SK-PUR UL/CSA
1504908	18 X 0,14 (AWG 26)	7,2	26,50	70,00	grey	V0: KAWEFLEX 6330 SK-PUR UL/CSA
1504909	25 X 0,14 (AWG 26)	8,8	37,10	91,00	grey	V0: KAWEFLEX 6330 SK-PUR UL/CSA
1504910	2 X 0,25 (AWG 24)	4,3	5,10	22,00	grey	V0: KAWEFLEX 6330 SK-PUR UL/CSA
1504911	3 X 0,25 (AWG 24)	4,5	7,50	27,00	grey	V0: KAWEFLEX 6330 SK-PUR UL/CSA

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1504912	4 X 0,25 (AWG 24)	4,8	10,00	33,00	grey	V0: KAWEFLEX 6330 SK-PUR UL/CSA
1504913	5 X 0,25 (AWG 24)	5,1	12,50	39,00	grey	V0: KAWEFLEX 6330 SK-PUR UL/CSA
1504914	7 X 0,25 (AWG 24)	5,8	17,80	55,00	grey	V0: KAWEFLEX 6330 SK-PUR UL/CSA
1504915	10 X 0,25 (AWG 24)	7,1	25,60	77,00	grey	V0: KAWEFLEX 6330 SK-PUR UL/CSA
1504916	14 X 0,25 (AWG 24)	7,3	35,80	93,00	grey	V0: KAWEFLEX 6330 SK-PUR UL/CSA
1504917	18 X 0,25 (AWG 24)	8,0	46,20	117,00	grey	V0: KAWEFLEX 6330 SK-PUR UL/CSA
1504918	25 X 0,25 (AWG 24)	9,9	64,50	149,00	grey	V0: KAWEFLEX 6330 SK-PUR UL/CSA
1504919	2 X 0,34 (AWG 22)	4,5	6,80	31,00	grey	V0: KAWEFLEX 6330 SK-PUR UL/CSA
1504920	3 X 0,34 (AWG 22)	4,7	10,20	35,00	grey	V0: KAWEFLEX 6330 SK-PUR UL/CSA
1504921	4 X 0,34 (AWG 22)	5,0	13,60	38,00	grey	V0: KAWEFLEX 6330 SK-PUR UL/CSA
1504922	5 X 0,34 (AWG 22)	5,4	17,00	45,00	grey	V0: KAWEFLEX 6330 SK-PUR UL/CSA
1504923	7 X 0,34 (AWG 22)	6,2	23,80	64,00	grey	V0: KAWEFLEX 6330 SK-PUR UL/CSA
1504924	10 X 0,34 (AWG 22)	7,6	34,00	90,00	grey	V0: KAWEFLEX 6330 SK-PUR UL/CSA
1504925	14 X 0,34 (AWG 22)	7,8	47,60	111,00	grey	V0: KAWEFLEX 6330 SK-PUR UL/CSA
1504926	18 X 0,34 (AWG 22)	8,8	61,20	140,00	grey	V0: KAWEFLEX 6330 SK-PUR UL/CSA
1504927	25 X 0,34 (AWG 22)	10,6	85,00	200,00	grey	V0: KAWEFLEX 6330 SK-PUR UL/CSA