

# KAWEFLEX® 3340 SK-TP-C-PUR

for high requirements



## Application

twisted pair shielded electronic cable for authentic data and signal transmission and for high mechanical and electrical requirements in drag chains applications, in movable electrical facilities and in the field of robotic technology.

## Special features

- decoupling of electric circuits by twisted pairs
- halogen-free, flame-retardant and low adhesion
- largely resistant to grease, coolant fluids and lubricants
- resistant to oil
- space and weight saving

## Remarks

- conform to RoHS
- very long lifetime, optimal cost-value ratio
- We are pleased to produce special versions, other dimensions, core and jacket colours on request.

## Structure & Specifications

conductor material	bare copper strand
conductor class	according to DIN VDE 0295 class 6 resp. IEC 228 class 6
core insulation	PELON®
core identification	according to DIN 47100
overall shield	copper braid tinned; coverage appr. 85%
outer sheath	PUR
sheath colour	orange RAL 2003, grey RAL 7001
printing	yes
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rated voltage	250 V, no high-voltage purposes
testing voltage	1.500 V
conductor resistance	at +20 °C according to DIN VDE 0295 class 6 resp. IEC 228 class 6
insulation resistance	at +20 °C $\geq 20 \text{ M}\Omega \times \text{km}$
min. bending radius fixed	5 x d
min. bending radius moved	7,5 x d
operat. temp. fixed min/max	-50 °C / +80 °C
operat. temp. moved min/max	-30 °C / +80 °C
burning behavior	according to DIN VDE 0482 part 265-2-1 resp. EN50265-2-1, flame-retardant
standard	according to DIN VDE 0207, 0250, 0293, 0295 and 0472 resp. IEC

**Dimensions**

#	dimension n x 2 x mm <sup>2</sup>	outer Ø mm	copper weight kg/km	weight kg/km
0	2 X 2 X 0,25	6,0	29,0	50,0
1	3 X 2 X 0,25	6,4	34,0	58,0
2	4 X 2 X 0,25	7,1	39,0	71,0
3	5 X 2 X 0,25	7,9	52,0	92,0
4	6 X 2 X 0,25	8,1	55,0	96,0
5	8 X 2 X 0,25	8,5	70,0	120,0
6	10 X 2 X 0,25	9,5	92,0	146,0
7	12 X 2 X 0,25	10,2	97,0	163,0
8	14 X 2 X 0,25	10,7	112,0	205,0
9	16 X 2 X 0,25	11,6	126,0	215,0
10	21 X 2 X 0,25	13,5	156,0	281,0
11	30 X 2 X 0,25	14,5	230,0	377,0
12				
13	2 X 2 X 0,5	8,0	52,0	68,0
14	3 X 2 X 0,5	8,5	71,0	101,0
15	4 X 2 X 0,5	9,0	83,0	130,0
16	5 X 2 X 0,5	10,1	94,0	151,0
17	6 X 2 X 0,5	11,0	108,0	172,0
18	10 X 2 X 0,5	14,2	173,0	262,0
19	14 X 2 X 0,5	15,0	227,0	330,0