



Flat ribbon cable AWG 18, 2-24 pole, pitch 3,96 mm, UL/CSA 2651

with separating groove on both sides

Construction

- Conductor: El-Cu wire, tinned
- Conductor structure: $19 \times 0,254 \text{ mm} \Rightarrow 0,96 \text{ mm}^2$, AWG 18
- Insulation: PVC
- Colour: grey, similar RAL 7032 (optional)
side strips orange (optional)
- Wall thickness min.: 0.178 mm
- Wall thickness max.: 0.23 mm
- Pitch: $3.96 \text{ mm} \pm 0.13 \text{ mm}$
- Diameter: $1.80 \text{ mm} \pm 0.10 \text{ mm}$
- Ridge height: $0.50 \pm 0.05 \text{ mm}$
- Shore hardness (A): 94 ± 3
- With separating groove on both sides
- Printing: acc. to UL / CSA (file- and style-number)

Technical Datas

- Dielectric strength: $> 2 \text{ kV}$ at 50 Hz eff. over 1 minute
- Insulation resistance min.: $100 \text{ MOhm} \times \text{km}$ at 20°C
- Conductor resistance max.: 21 Ohm/km at 20°C
- Load-bearing capacity: 10 A at 25°C
- Operating voltage: 300 V
- Temperature range: stationary -30°C to $+105^\circ \text{C}$
in move -20°C to $+105^\circ \text{C}$

Properties

- Flame resistance acc. to UL VW-1 / CSA FT-1

Number of cores	total width mm	Gesamtraster mm	Article-number
2	$5,76 \pm 0,15$	$3,96 \pm 0,13$	9930201905
3	$9,72 \pm 0,20$	$7,92 \pm 0,18$	9930301905
4	$13,68 \pm 0,20$	$11,88 \pm 0,18$	9930401905
5	$17,64 \pm 0,20$	$15,84 \pm 0,18$	9930501905
6	$21,60 \pm 0,20$	$19,80 \pm 0,18$	9930601905
7	$25,56 \pm 0,30$	$23,76 \pm 0,28$	9930701905
8	$29,52 \pm 0,30$	$27,72 \pm 0,28$	9930801905
9	$33,48 \pm 0,30$	$31,68 \pm 0,28$	9930901905

Number of cores	total width mm	Gesamtraster mm	Article-number
10	37,44 ± 0,30	35,64 ± 0,28	9931001905
11	41,40 ± 0,30	39,60 ± 0,28	9931101905
12	45,36 ± 0,40	43,56 ± 0,38	9931201905
13	49,32 ± 0,40	47,52 ± 0,38	9931301905
14	53,28 ± 0,40	51,48 ± 0,38	9931401905
15	57,24 ± 0,40	55,44 ± 0,38	9931501905
16	61,20 ± 0,40	59,40 ± 0,38	9931601905
17	65,16 ± 0,40	63,36 ± 0,38	9931701905
18	69,12 ± 0,40	67,32 ± 0,38	9931801905
19	73,08 ± 0,40	71,28 ± 0,38	9931901905
20	77,04 ± 0,50	75,24 ± 0,38	9932001905
21	81,00 ± 0,50	79,20 ± 0,38	9932101905
22	84,96 ± 0,50	83,16 ± 0,38	9932201905
23	88,92 ± 0,50	87,12 ± 0,38	9932301905
24	92,88 ± 0,50	91,08 ± 0,38	9932401905

- Further formats available on request
- All data and products subject to change