

Flat cable AWG 30, MINI-FLAKAFIX® series

Monochrome grey, UL style 2678, in pitch 0.635 mm

Features

- Pitch 0.635 mm
- Stranded wire
- AWG 30
- Mini-flat conductor, monochrome

Technical data

Electrical specification

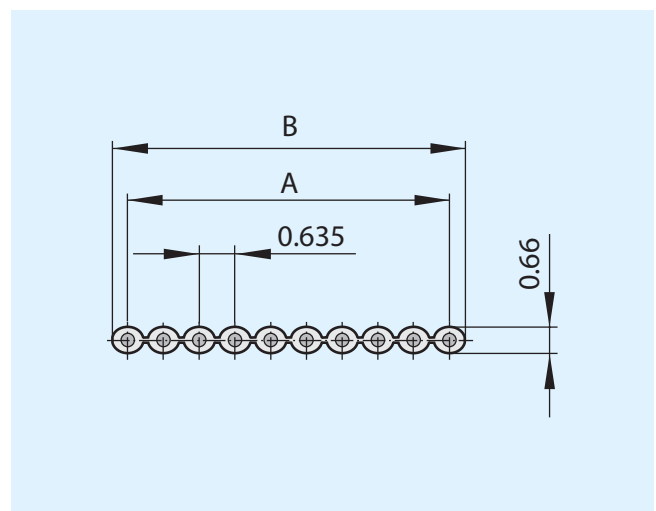
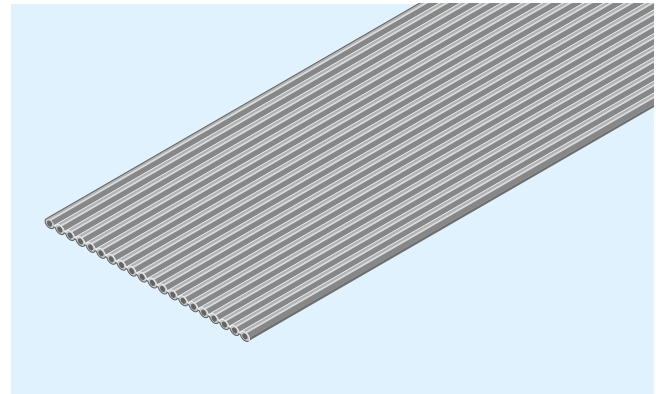
Cross-section:	approx. 0.06 mm ²
Conductor diameter:	approx. 0.30 mm
Conductor structure:	7 pieces with Ø 0.102 mm
Test voltage:	500 V
Operating voltage:	30 V
Current carrying capacity:	max. 1.2 A at 25 °C
Conductor resistance:	354 Ω / km max.
Insulation resistance:	100 MΩ × km
Capacitance (1 kHz):	50 pF / m

Mechanical specification

Operating temperature:	-10 °C to +105 °C
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Material and surface plating

Conductors:	Cu wires: tin-plated (AWG 30)
Insulation:	Special PVC, similar to Y18 acc. to VDE 0207
Colour:	grey with edge wire in different colour
Flame resistance:	acc. to UL VW-1 / CSA FT-1
Shore hardness A:	94 ± 3



Order information¹⁾ and dimensional table

Number of contacts	Part number ¹⁾	Dimension A	Dimension B	Tolerance in dimensions A and B
10	921.659.031.010.000	5.72	6.35	± 0.15
20	921.659.031.020.000	12.07	12.70	± 0.20
30	921.659.031.030.000	18.42	19.05	± 0.25
40	921.659.031.040.000	24.77	25.40	± 0.30
50	921.659.031.050.000	31.12	31.75	± 0.40

¹⁾ On request



ODU does more than just deliver individual assemblies and components.
Upon request, we also supply our customers with completely manufactured ODU MINI-FLAKAFIX sets comprising cables and connectors. Send us your drawing.