



SIF-C-SI AWG 18

with UL 4476 cUL

Energy cable, multi core, flexible, tinned cooper braid and outer silicone insulation

Construction

- Cooper: bare, tinned, nickel-coated
- Conductor: CU conductors of **AWG** section (Style 3529) acc. to **UL758**
- Cores: Insulation of **silicone** compund acc. to **UL758**, Cores-Layer
- Outer Jacket: Silicone
- Jacket Color: as your inquiry
- PET Band + Tinned copper braiding - Covering 85% + PET Band

Technical Data

- Rated voltage: 600 V
- Test voltage: 2.000 V AC
- Insulation resistance: ≥ 15 kV/mm
- Minimum radius: 5 x outer diameter (fix) / 12 x outer diameter (flex)
- Temperature range: -50°C to +150°C

Properties

- UL 758 / UL File E472542
- UL File E472542 Section 6 acc. to Canadian Standard C22.2 No. 210.2
- Halogen-free according to IEC 60754-1
- Corrosiveness of combustion gas to IEC 60754-2
- Flame retardant and fire extinguishes acc. to IEC60332-1 /FT1
- Test in accordance with Underwriters Laboratories Standard No. 758

Ø Size mm ²	Construction	Ø mm	Cu- Weight kg/km	Outer- Ø mm	Toll +/- mm	Weight (kg/km)	Article Number
2 x 18AWG	32 x 0,20	2,9	56	9,0	0,2	110	8409021810
3 x 18AWG	32 x 0,20	2,9	65	9,5	0,2	130	8409031810
4 x 18AWG	32 x 0,20	2,9	75	10,2	0,3	150	8409041810
5 x 18AWG	32 x 0,20	2,9	92	11,0	0,3	180	8409051810
7 x 18AWG	32 x 0,20	2,9	111	11,9	0,3	215	8409071810

Ø Size mm²	Construction	Ø mm	Cu-Weight kg/km	Outer- Ø mm	Toll +/- mm	Weight (kg/km)	ArticleNumber
10 x 18AWG	32 x 0,20	2,9	162	15,2	0,4	290	8409101810
12 x 18AWG	32 x 0,20	2,9	181	15,2	0,4	335	8409121810

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