



SIF-C-SI AWG 16

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 16AWG	30 x 0,25	3,2	65	9,6	0,2	125	8409021610
3 x 16AWG	30 x 0,25	3,2	80	10,1	0,3	150	8409031610
4 x 16AWG	30 x 0,25	3,2	102	10,9	0,3	185	8409041610
5 x 16AWG	30 x 0,25	3,2	116	11,8	0,3	210	8409051610
7 x 16AWG	30 x 0,25	3,2	152	12,8	0,3	265	8409071610

Ø Size mm²	Construction	Ø mm	Cu-Weight kg/km	Outer- Ø mm	Toll +/- mm	Weight (kg/km)	ArticleNumber
10 x 16AWG	30 x 0,25	3,2	220	15,8	0,4	355	8409101610
12 x 16AWG	30 x 0,25	3,2	249	16,9	0,4	435	8409121610
16 x 16AWG	30 x 0,25	3,2	318	18,6	0,4	545	8409161610
18 x 16AWG	30 x 0,25	3,2	347	19,6	0,4	595	8409181610
25 x 18AWG	30 x 0,25	3,2	458	24,1	0,5	820	8409251610

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