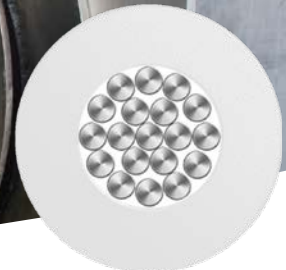


Silicone single-core cable

Si... 300/500V



Application

- Machinery and plant engineering
- Measuring device manufacture
- Sensor technology
- Temperature sensors
- Lamp and lighting industry
- Automotive industry

Market requirements

- High and low ambient temperatures

Solution

- Strand copper; bare, tinned, silver-plated, nickel-plated in compliance with DIN EN 60228 VDE 0295 Class 5 or pure nickel
- Insulation DIN VDE 0207 section 20 compliant silicone
- Core colour to customer specification

Technical specifications

- Rated voltage 300/500 V
- Test voltage 2.0 kV
- Temperature rating **-50 °C** to **+180 °C**
- Short-circuit temperature 250 °C

Cross-section mm ²	Conductor construction mm	Outer-Ø nom. mm	Copper number kg/km
0.5	16 x 0.20	2.1	4.8
0.75	24 x 0.20	2.3	7.2
1	32 x 0.20	2.4	9.6
1.5	30 x 0.25	2.7	14.4
2.5	50 x 0.25	3.2	24.0
4	56 x 0.30	4.0	38.0
6	84 x 0.30	4.6	58.0
10	80 x 0.40	6.5	96.0
16	128 x 0.40	7.7	154.0
25	200 x 0.40	9.5	240.0
35	280 x 0.40	10.9	336.0
50	400 x 0.40	12.7	480.0
70	356 x 0.50	14.6	672.0
95	485 x 0.50	17.4	912.0
120	614 x 0.50	18.9	1152.0
150	765 x 0.50	20.7	1440.0
185	944 x 0.50	23.5	1776.0
240	1225 x 0.50	26.6	2304.0



Find out why our cables withstand 1,250 °C.

LEONI