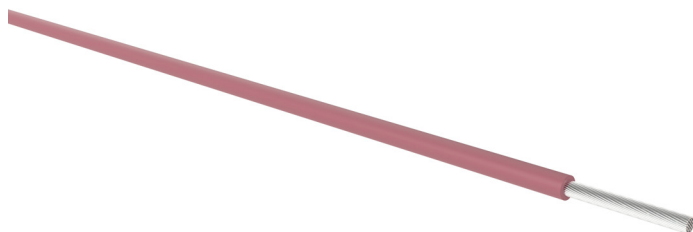


## SiA

Silicone insulated wire

### DESIGN



- 1 | Tinned copper conductor, solid
- 2 | Core insulation (silicone rubber)

### APPLICATION

This wire is well suited for internal wiring in lamps, instruments, control panels and distributors for low mechanical stress particularly at high ambient temperatures.

### TECHNICAL DATA



**Standard:**  
adapted to DIN VDE 0250



**Rated voltage:**  
300/500 V (U<sub>0</sub>/U)



**Test voltage:**  
2 kV / 50 Hz



**Temperature range:**  
operating temperature: -50 °C up to 180 °C  
conductor temperature: max. 180 °C  
short circuit temperature: max. 350 °C/5 s



**Bending radius (min.):**  
4 x Ø of cable



**Fire properties:**  
EN 60332-1-2: flame retardant

Nominal cross-section (mm <sup>2</sup> )	Core colours	Max. conductor resistance (Ω/km)	Outer diameter (mm) appr.	Total weight (kg/km) appr.	Standard lengths/packing (m)
<b>SiA</b>					
0.5	bk, wh	36.7	1.8	8	100 R
0.75	bk, wh	24.8	2.0	10	100 R
1	bk, wh	18.2	2.2	13	100 R
1.5	bk, wh	12.2	2.6	20	100 R
2.5	bk, wh	7.56	3.2	32	100 R
4	bk, wh	4.7	3.7	48	100 R
6	bk, rdbn	3.11	4.2	68	100 R
10	rdbn	1.84	5.9	116	100 R

Technical changes reserved. All figures are therefore without guarantee.

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