We Make Modern
Life Possible.



SILICONE, PUR AND BUILDING SITE CABLES

SiA

Silicone insulated wire

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

Test Voltage
2 kV

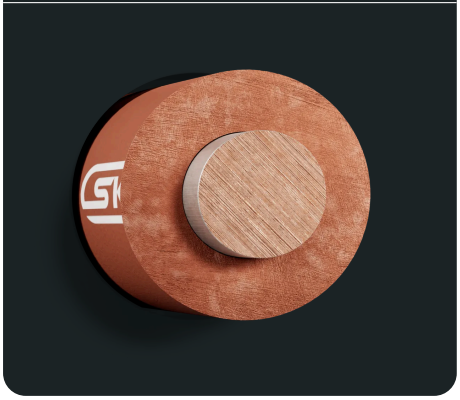
Rated Voltage
300/500 V (Uo/U)

Bending radius (min.)
4 x Ø of cable

Fire properties
EN 60332-1-2: flame retardant and self-extinguishing

Temperature range
Laying temperature: min. -50°C
Operating temperature: -50°C up to 180°C
Conductor temperature: max. 180°C
Short circuit temperature: max. 350°C

DESIGN



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

Technical changes reserved. All figures are therefore without guarantee.

CONTACT PERSON

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