



We Make Modern
Life Possible

SILICONE, PUR AND BUILDING SITE CABLES

SiA

Silicone insulated wire



TECHNICAL DATA



Standard
adapted to DIN VDE 0250



Rated Voltage
300/500 V (U₀/U)



Test Voltage
2 kV



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/packaging (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

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