We Make Modern
Life Possible.



SILICONE, PUR AND BUILDING SITE CABLES

SiF

Silicone insulated wire

For operation at environment temperatures above 55°C, for internal wiring of lamps, heating equipment and electrical appliances as well as for switching boxes and distributions.

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 wire

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

Temperature range
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	bk, wh	40.1	2.1	9	100 R
0.75	bk, bn, rd, bu, wh	26.7	2.4	12	100 R
1	bk, rd, bu, wh	20.0	2.5	14	100 R
1.5	bk, rd, gy, wh, gnye	13.7	2.8	19	100 R
2.5	bk, wh	8.21	3.4	30	100 R
4	bk, bn, rd, bu, wh	5.09	4.2	47	100 R
6	bk, rd, bu, wh, grnye	3.39	4.7	71	100 R
10	bk, bu, wh, grnye	1.95	6.2	119	100 R
16	bk, rd	1.24	7.4	188	100 R
25	bk, gnye	0.795	9.2	290	500 T, 1000 T
35	bk	0.565	10.3	398	500 T, 1000 T
70	bk	0.277	13.8	766	500 T, 1000 T
150	bk	0.132	19.6	1563	500 T, 1000 T
185	bk	0.108	22.4	1858	500 T, 1000 T
240	bk	0.082	25.0	2553	500 T, 1000 T

Technical changes reserved. All figures are therefore without guarantee.

CONTACT PERSON

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