

Heat resistant silicone wire

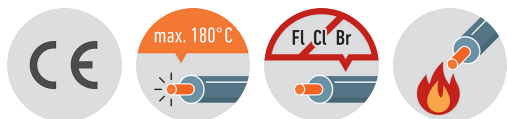
SiF/GL



Application: For operation in ambient temperatures above 55 °C, for internal wiring of lamps, heating equipment and electrical appliances as well as for switching boxes and distribution boards.

Construction and technical data:

Conductor material:	tinned copper
Conductor construction:	Class 5 = flexible
Insulation:	silicone rubber
Covering:	laquered/impregnated glass fibre braid
Halogen-free:	DIN EN 50267/IEC 60754
Max. temperature at conductor, °C:	180 °C
Permitted outer cable temperature, fixed, °C:	-60 - +180 °C
Bending radius, fixed installation:	15 x Ø



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

SiF/GL-O

Nominal voltage U_o:	300 V
Nominal voltage U:	500 V
Test voltage:	2 kV

part no.	part name	RI [Ohm/km]	Wi [mm]	l _{bl} [A]	Ø [mm]	Cu	G [kg]
034714	1X0.25 WH	82		4	2.4	2.4	8
034715	1X0.5 WH	40.1	0.6	6	2.6	5	12
034716	1X0.75 WH	26.7	0.6	15	2.9	7.2	16
034717	1X1 WH	20	0.8	19	3	9.6	18
034718	1X1.5 WH	13.7	0.8	24	3.3	14.4	24
034719	1X2.5 WH	8.21	0.9	32	3.9	24	35
034720	1X4 WH	2.09	1	42	4.7	38.4	53
032651	1X6 WH	3.39	1	54	5.4	58	77
034721	1X10 WH	1.95	1.2	73	7.6	96	129
034722	1X16 WH	1.24	1.2	98	8.9	154	198
034723	1X25 WH	0.795	1.4	129	10.9	240	303

part no.	part name	RI [Ohm/km]	Wi [mm]	Ibl [A]	Ø [mm]	Cu	G [kg]
034522	1X35 WH	0.565	1.4	159	12.1	336	413
034724	1X50 WH	0.393	1.6	198	14.4	480	578
033844	1X70 WH	0.277	1.6	245	14.9	672	831
033845	1X95 WH	0.21	1.8	292	18.4	912	1117
033846	1X120 WH	0.164	1.8	344	19.4	1152	1410
033847	1X150 WH	0.132	2	391	23.4	1440	1695
033848	1X185 WH	0.108	2.2	448	24	1776	2077
034725	1X240 WH	0.0817	2.4	528	26.9	2304	2498
035842	1X300 WH	0.0654		608	30.9	2880	3490

RI	Conductor resistance
Wi	Insulation wall thickness
Ibl	Ampacity in air (30 °C)
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000