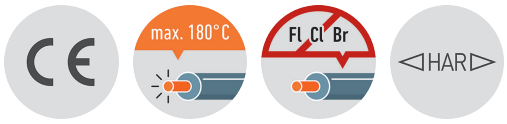
Heat resistant silicone wire
H05SJ-K

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:

Standard:	DIN EN 50525-2-41 (VDE 0285-525-2-41)
Conductor material:	tinned copper
Conductor construction:	Class 5 = flexible
Insulation:	silicone EI2
Covering:	braided glass fibres
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
Max. temperature at conductor, °C:	90 °C
Permitted outer cable temperature, fixed, °C:	-60 - +180 °C
Min. bending radius, fixed installation:	6 x Ø
Bending radius, single bend:	3 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.

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

part no.	part name	Rl [Ohm/km]	Wi [mm]	Ibl [A]	Ø [mm]	Cu	G [kg]
035602	01X0.5 WH	40.1	0.6	9	2.5	5	11
034702	01X0.75 WH	26.7	0.6	12	2.7	7.2	16
034703	01X0.75 BK	26.7	0.6	12	2.7	7.2	16
035171	01X1 WH	20	0.7		2.9	9.6	17
031711	01X1.5 WH	13.7	0.7	24	3.5	14.4	24
031795	01X2.5 WH	8.21	0.8	32	4.2	24	35.6
035043	01X4 BN	5.09	1	40	4.7	38.4	53
035044	01X4 BK	5.09	1	40	4.7	38.4	53

part no.	part name	Rl [Ohm/km]	Wi [mm]	Ibl [A]	Ø [mm]	Cu	G [kg]
035045	01X4 WH	5.09	1	40	4.7	38.4	53

Rl	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