

## SiA Silicone Insulated Wire

**Application:** This wire is well suited for internal wiring in lamps, instruments, control panels and distributors for low mechanical stress particularly at high ambient temperatures.



**Construction:** 1 ..... solid tinned copper  
2 ..... core insulation of silicone (2G11)

**Standards:** DIN EN 60228 Class 1 (construction)

**Technical data:**

Nominal voltage U <sub>0</sub> /U		[V]	300 / 500 Volt 2000
Test voltage		[V] <sub>Ac</sub>	
Temperature range	in motion temporary resilient		-60°C till +180°C +250°C
Flammability	standard		EN 60332-1-2

Nominal cross section	Colours	Copper figure	Cond. construction (appr. value)	Overall diameter	Weight
mm <sup>2</sup>		kg/km	mm	mm	appr. kg/km
0,75	bk/bl/br/yg/gr/wt/rd	7,2	1 x 0,98	2,2	12
1	bk/bl/br/yg/wt	9,6	1 x 1,13	2,3	15
1,5	bk/bl/br/yg/wt/rd	14,4	1 x 1,38	2,6	20
2,5	bk/bl/yg	24,0	1 x 1,78	3,2	33
4	bk	38,4	1 x 2,26	3,9	51
6	bk	57,6	1 x 2,76	4,4	72
10	bk	96,0	1 x 3,57	5,6	120