

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), halogen-free

Standards: DIN EN 60228 Class 1 (construction)

Technical data:

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

Nominal cross section mm ²	Colours	from stock	Copper figure kg/km	Cond. construction (appr. value) mm	Overall diameter mm	Weight appr. kg / km
0,75	bk/bl/br/yg/gr/wt/rd	●	7,5	1 x 0,98	2,2	12
1	bk/bl/br/yg/wt	●	10,0	1 x 1,13	2,3	15
1,5	bk/bl/br/yg/wt/rd	●	15,0	1 x 1,38	2,6	20
2,5	bk/bl/yg	●	25,0	1 x 1,78	3,2	33
4	bk	○	40,0	1 x 2,26	3,9	51
6	bk	○	60,0	1 x 2,76	4,4	72
10	bk	○	100,0	1 x 3,57	5,6	120