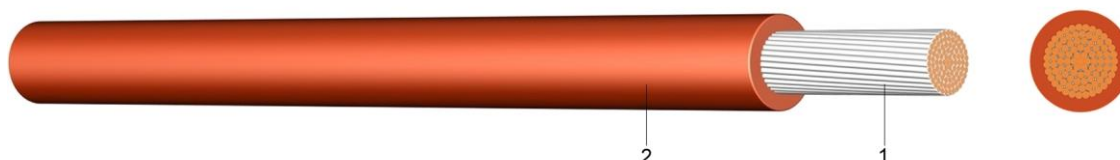




SiF Silicone Insulated Wire

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 fine-stranded tinned copper
 2 core insulation of silicone (2GI1), halogen-free

Standards: DIN EN 60228 Class 5 (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
0,50	bk/bl/br/yg/gr/wt/rd	●	5,0	16 x 0,21	2,1	10
0,75	bk/bl/br/yg/wt/rd	●	7,5	24 x 0,21	2,4	13
1	bk/bl/br/yg/gr/ws/rd/rbr	○	10,0	32 x 0,21	2,5	16
1,5	bk/bl/br/gg/yg/gr/wt/rd/rbr	●	15,0	30 x 0,26	2,8	22
2,5	bk/bl/br/yg/gr/wt/rd	○	25,0	50 x 0,26	3,4	35
4	bk/bl/br/yg/gr/wt/rd	○	40,0	56 x 0,31	4,2	54
6	bk/bl/br/yg/wt/rd	●	60,0	84 x 0,31	5,2	82
10	bk/bl/yg/rd	●	100,0	80 x 0,41	6,4	132
16	bk/bl/br/yg/rd/rbr	○	160,0	128 x 0,41	8,0	209
25	bk/bl/yg/rbr	○	250,0	200 x 0,41	10,0	327
35	bk/yg/rbr	○	350,0	280 x 0,41	11,2	439
50	bk/rbr	●	500,0	400 x 0,41	13,3	624
70	bk/rbr	●	700,0	356 x 0,51	15,4	860
95	bk/rbr	●	950,0	485 x 0,51	17,8	1.161
120	rbr	●	1.200,0	614 x 0,51	19,8	1.456
150	rbr	●	1.500,0	765 x 0,51	21,5	1.785
185	rbr	●	1.850,0	944 x 0,51	24,4	2.233
240	bk	○	2.400,0	1225 x 0,51	26,8	2.827