SiF



Application

This wire is suited for use at high temperatre surroundings, especially for internal wiring in lamps and instruments as well and to distributors for low mechanicals stress particularly at high ambient temperatures.
Notch-resistant version for higher loads on request.

Standards

adapted to DIN VDE 0250 Teil 1 und Teil 502,
VDE 0482-332-1-2

CE = The product is conformed with the EC Low-Voltage Directive 2014/35/EU.

Construction

Inner Conductor	tinned copper, fine wire conductors, bunch stranded to DIN VDE 0295 cl. 5, BS 6360 cl. 5 and IEC 60228 cl. 5
Core Insulation	silicone
Constant Against	high molecular oils, greases from vegetables and animals, alcohols, plasticizers and clophenes, diluted acids, lyes and salt dissolution, oxidation substances, weathering effects, lake water, oxygen and UV

Technical Data

Nominal Voltage	U_0/U: 300 /500 V
Nominal Volatage DC	U_0/U: 0 /0
Test Voltage	2000 V
Bending Radius moved (xD)	7.5
Bending Radius fixed (xD)	4
Operating Temperature solid	-60 °C bis 180 °C
Operating Temperature moving	0 °C bis 0 °C

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Aderleitungen
Insulated Wires

Prod. Nr. Prod. Nr.	Dimensions Dimensions	Color Color	Weight (kg/km) approx. Weight (kg/km) approx.	Outer-Diameter (mm) approx. Outer-Diameter (mm) approx.
01202110	1 x 0,25	black - black	5,5	1,9
01202117	1 x 0,25	white - white	5,5	1,9
01202123	1 x 0,25	green - green	5,5	1,9
01202124	1 x 0,25	blue (similar RAL 5015) - blue (similar RAL 5015)	5,5	1,9
01202125	1 x 0,25	brown - brown	5,5	1,9
01202126	1 x 0,25	red - red	5,5	1,9
01202127	1 x 0,25	yellow - yellow	5,5	1,9
01202001	1 x 0,5	black - black	8,6	2,1
01202002	1 x 0,5	blue (similar RAL 5015) - blue (similar RAL 5015)	8,6	2,1
01202004	1 x 0,5	brown - brown	8,6	2,1
01202003	1 x 0,5	green/yellow - green/yellow	8,6	2,1
01202008	1 x 0,5	grey - grey	8,6	2,1
01202118	1 x 0,5	violet - violet	8,6	2,1
01202006	1 x 0,5	white - white	8,6	2,1
01202096	1 x 0,5	green - green	8,6	2,1
01202097	1 x 0,5	yellow - yellow	8,6	2,1
01202005	1 x 0,5	red - red	8,6	2,1
01202119	1 x 0,5	orange - orange	8,6	2,1
01202007	1 x 0,75	black - black	11,0	2,4
01202009	1 x 0,75	blue (similar RAL 5015) - blue (similar RAL 5015)	11,0	2,4
01202011	1 x 0,75	brown - brown	11,0	2,4
01202010	1 x 0,75	green/yellow - green/yellow	11,0	2,4
01202013	1 x 0,75	grey - grey	11,0	2,4
01202094	1 x 0,75	violet - violet	11,0	2,4

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01202014	1 x 0,75	white - white	11,0	2,4
01202095	1 x 0,75	orange - orange	11,0	2,4
01202012	1 x 0,75	red - red	11,0	2,4
01202115	1 x 0,75	green - green	11,0	2,4
01202122	1 x 0,75	yellow - yellow	11,0	2,4
01202015	1 x 1	black - black	14,0	2,5
01202016	1 x 1	blue (similar RAL 5015) - blue (similar RAL 5015)	14,0	2,5
01202018	1 x 1	brown - brown	14,0	2,5
01202023	1 x 1	red/brown - red/brown	14,0	2,5
01202017	1 x 1	green/yellow - green/yellow	14,0	2,5
01202021	1 x 1	grey - grey	14,0	2,5
01202020	1 x 1	white - white	14,0	2,5
01202112	1 x 1	yellow - yellow	14,0	2,5
01202111	1 x 1	orange - orange	14,0	2,5
01202019	1 x 1	red - red	14,0	2,5
01202113	1 x 1	violet - violet	14,0	2,5
01202114	1 x 1	green - green	14,0	2,5
01202024	1 x 1,5	black - black	20,0	2,8
01202025	1 x 1,5	blue (similar RAL 5015) - blue (similar RAL 5015)	20,0	2,8
01202027	1 x 1,5	brown - brown	20,0	2,8
01202026	1 x 1,5	green/yellow - green/yellow	20,0	2,8
01202028	1 x 1,5	grey - grey	20,0	2,8
01202090	1 x 1,5	violet - violet	20,0	2,8
01202031	1 x 1,5	white - white	20,0	2,8

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01202092	1 x 1,5	orange - orange	20,0	2,8
01202091	1 x 1,5	green - green	20,0	2,8
01202098	1 x 1,5	yellow - yellow	20,0	2,8
01202029	1 x 1,5	red - red	20,0	2,8
01202032	1 x 2,5	black - black	32,0	3,4
01202033	1 x 2,5	blue (similar RAL 5015) - blue (similar RAL 5015)	32,0	3,4
01202035	1 x 2,5	brown - brown	32,0	3,4
01202034	1 x 2,5	green/yellow - green/yellow	32,0	3,4
01202037	1 x 2,5	grey - grey	32,0	3,4
01202038	1 x 2,5	white - white	32,0	3,4
01202036	1 x 2,5	red - red	32,0	3,4
01202107	1 x 2,5	green - green	32,0	3,4
01202108	1 x 2,5	orange - orange	32,0	3,4
01202116	1 x 2,5	yellow - yellow	32,0	3,4
01202128	1 x 2,5	violet - violet	32,0	3,4
01202039	1 x 4	black - black	48,0	4,2
01202041	1 x 4	blue (similar RAL 5015) - blue (similar RAL 5015)	48,0	4,2
01202043	1 x 4	brown - brown	48,0	4,2
01202042	1 x 4	green/yellow - green/yellow	48,0	4,2
01202045	1 x 4	white - white	48,0	4,2
01202044	1 x 4	red - red	48,0	4,2
01202106	1 x 4	green - green	48,0	4,2
01202129	1 x 4	grey - grey	48,0	4,2
01202046	1 x 6	black - black	71,0	4,7

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01202047	1 x 6	blue (similar RAL 5015) - blue (similar RAL 5015)	71,0	4,7
01202049	1 x 6	brown - brown	71,0	4,7
01202048	1 x 6	green/yellow - green/yellow	71,0	4,7
01202051	1 x 6	grey - grey	71,0	4,7
01202052	1 x 6	white - white	71,0	4,7
01202050	1 x 6	red - red	71,0	4,7
01202105	1 x 6	green - green	71,0	4,7
01202053	1 x 10	black - black	124,0	6,1
01202054	1 x 10	blue (similar RAL 5015) - blue (similar RAL 5015)	124,0	6,1
01202056	1 x 10	brown - brown	124,0	6,1
01202055	1 x 10	green/yellow - green/yellow	124,0	6,1
01202058	1 x 10	white - white	124,0	6,1
01202057	1 x 10	red - red	124,0	6,1
01202060	1 x 16	black - black	188,0	7,5
01202061	1 x 16	blue (similar RAL 5015) - blue (similar RAL 5015)	188,0	7,5
01202063	1 x 16	brown - brown	188,0	7,5
01202062	1 x 16	green/yellow - green/yellow	188,0	7,5
01202065	1 x 16	white - white	188,0	7,5
01202064	1 x 16	red - red	188,0	7,5
01202067	1 x 25	black - black	296,0	9,1
01202068	1 x 25	blue (similar RAL 5015) - blue (similar RAL 5015)	296,0	9,1
01202069	1 x 25	green/yellow - green/yellow	296,0	9,1
01202072	1 x 25	white - white	296,0	9,1
01202071	1 x 25	red - red	296,0	9,1

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01202073	1 x 35	black - black	400,0	10,3
01202074	1 x 35	blue (similar RAL 5015) - blue (similar RAL 5015)	400,0	10,3
01202075	1 x 35	green/yellow - green/yellow	400,0	10,3
01202079	1 x 50	black - black	570,0	12,0
01202080	1 x 70	black - black	766,0	13,7
01202081	1 x 95	black - black	1.030,0	15,6
01202082	1 x 120	black - black	1.296,0	17,4
01202083	1 x 150	black - black	1.612,0	19,3
01202089	1 x 185	black - black	1.974,0	21,4
01202104	1 x 240	black - black	2.440,0	24,3

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