



Heat-resistant cables - SIF silicone single cores halogen-free



Technical attributes

Standards	adapted to DIN VDE 0250
Conductor material	Cu, bare
Conductor type	strands tinned
Conductor standard	DIN VDE 0295
Conductor category	5
Core insulation	Silicone
Outer sheath	Silicone
Outer sheath colour	various
Temperature range min., mobile operation	-60 °C
Temperature range max., mobile operation	+180 °C
Temperature range min., fixed installation	-60 °C
Temperature range max., fixed installation	+180 °C
Nominal voltage U ₀ /U	300/500 V
Test voltage	2000 V
Insulation resistance	2 mind. MΩ x km
Minimum bending radius mobile operation	ca. 15 x cable-Ø
RoHS-compliant	yes

Description

Applicable as a special high- and low-temperature-resistant cable, especially in iron, steel and rolling mills, foundries, as well as in aircraft and shipbuilding and cement, glass and ceramic factories. The cables are halogen free and are far more suitable for use in power plants.

Note

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Product table

product number	product name	Weight ca. [kg]	Cu-weight [per_km]	Outer-Ø ca. [mm]	Outer sheath colour
00903001	SIF 0,25 gy	5,00	2,40	1,80	grey
00903092	SIF 0,25 ye	5,00	2,40	1,80	yellow
00903106	SIF 0,25 bu RAL5015	5,00	2,40	1,80	blue
00903109	SIF 0,25 gn	5,00	2,40	1,80	green
00903123	SIF 0,25 bk	5,00	2,40	1,80	black
00903004	SIF 0,5 bn	8,00	4,80	2,10	brown
00903005	SIF 0,5 bk	8,00	4,80	2,10	black
00903072	SIF 0,5 wh	8,00	4,80	2,10	white
00903096	SIF 0,5 bu RAL5015	8,00	4,80	2,10	blue
00903097	SIF 0,5 rd	8,00	4,80	2,10	red



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product number	product name	Weight ca. [kg]	Cu-weight [per_km]	Outer-Ø ca. [mm]	Outer sheath colour
00903158	SIF 0,5 og	8,00	4,80	2,10	orange
00903098	SIF 0,5 ye	8,00	4,80	2,10	yellow
00903099	SIF 0,5 vt	8,00	4,80	2,10	violet
00903135	SIF 0,5 gn	8,00	4,80	2,10	green
00903107	SIF 0,5 gn/ye	8,00	4,80	2,10	green/yellow
00903007	SIF 0,75 ye	12,00	7,20	2,40	yellow
00903008	SIF 0,75 bn	12,00	7,20	2,40	brown
00903009	SIF 0,75 bk	12,00	7,20	2,40	black
00903010	SIF 0,75 wh	12,00	7,20	2,40	white
00903011	SIF 0,75 bu	12,00	7,20	2,40	blue
00903012	SIF 0,75 gn/ye	12,00	7,20	2,40	green/yellow
00903081	SIF 0,75 gy	12,00	7,20	2,40	grey
00903095	SIF 0,75 rd	12,00	7,20	2,40	red
00903108	SIF 0,75 vt	12,00	7,20	2,40	violet
00903014	SIF 1 wh	14,00	9,60	2,50	white
00903015	SIF 1 bn	14,00	9,60	2,50	brown
00903016	SIF 1 bu RAL5015	14,00	9,60	2,50	blue
00903017	SIF 1 bk	14,00	9,60	2,50	black
00903018	SIF 1 gn/ye	14,00	9,60	2,50	green/yellow
00903019	SIF 1 gy	14,00	9,60	2,50	grey
00903086	SIF 1 gn	14,00	9,60	2,50	green
00903087	SIF 1 ye	14,00	9,60	2,50	yellow
00903090	SIF 1 rd	14,00	9,60	2,50	red
00903093	SIF 1 vt	14,00	9,60	2,50	violet
00903020	SIF 1,5 bu	19,00	14,40	2,80	blue
00903022	SIF 1,5 bn	19,00	14,40	2,80	brown
00903023	SIF 1,5 bk	19,00	14,40	2,80	black
00903024	SIF 1,5 gn/ye	19,00	14,40	2,80	green/yellow
00903025	SIF 1,5 gy	19,00	14,40	2,80	grey
00903088	SIF 1,5 ye	19,00	14,40	2,80	yellow
00903101	SIF 1,5 wh	19,00	14,40	2,80	white
00903102	SIF 1,5 og	19,00	14,40	2,80	orange
00903113	SIF 1,5 rd	19,00	14,40	2,80	red



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00903114	SIF 1,5 gn	19,00	14,40	2,80	green
00903027	SIF 2,5 bn	30,00	24,00	3,40	brown
00903028	SIF 2,5 bk	30,00	24,00	3,40	black
00903029	SIF 2,5 bu RAL5015	30,00	24,00	3,40	blue
00903030	SIF 2,5 gn/ye	30,00	24,00	3,40	green/yellow
00903031	SIF 2,5 rd	30,00	24,00	3,40	red
00903082	SIF 2,5 wh	30,00	24,00	3,40	white
00903103	SIF 2,5 og	30,00	24,00	3,40	orange
00903105	SIF 2,5 gn	30,00	24,00	3,40	green
00903115	SIF 2,5 ye	30,00	24,00	3,40	yellow
00903116	SIF 2,5 gy	30,00	24,00	3,40	grey
00903032	SIF 4 gn/ye	48,00	38,00	4,20	green/yellow
00903033	SIF 4 bn	48,00	38,00	4,20	brown
00903034	SIF 4 wh	48,00	38,00	4,20	white
00903035	SIF 4 bk	48,00	38,00	4,20	black
00903071	SIF 4 bu RAL5015	48,00	38,00	4,20	blue
00903089	SIF 4 rd	48,00	38,00	4,20	red
00903100	SIF 4 gy	48,00	38,00	4,20	grey
00903038	SIF 6 bn	71,00	58,00	5,20	brown
00903039	SIF 6 bk	71,00	58,00	5,20	black
00903040	SIF 6 gn/ye	71,00	58,00	5,20	green/yellow
00903085	SIF 6 bu RAL5015	71,00	58,00	5,20	blue
00903127	SIF 6 rd	71,00	58,00	5,20	red
00903042	SIF 10 bn	120,00	96,00	6,40	brown
00903043	SIF 10 bk	120,00	96,00	6,40	black
00903079	SIF 10 ye	120,00	96,00	6,40	yellow
00903080	SIF 10 gn	120,00	96,00	6,40	green
00903083	SIF 10 bu RAL5015	120,00	96,00	6,40	blue
00903084	SIF 10 rd	120,00	96,00	6,40	red
00903111	SIF 10 gn/ye	120,00	96,00	6,40	green/yellow
00903045	SIF 16 bn	188,00	154,00	8,00	brown
00903046	SIF 16 bk	188,00	154,00	8,00	black
00903104	SIF 16 og	188,00	154,00	8,00	orange



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00903049	SIF 25 bn	290,00	240,00	10,00	brown
00903050	SIF 25 bk	290,00	240,00	10,00	black
00903052	SIF 35 bn	399,00	336,00	11,20	brown
00903053	SIF 35 bk	399,00	336,00	11,20	black
00903054	SIF 50 bn	560,00	480,00	13,20	brown
00903055	SIF 50 bk	560,00	480,00	13,20	black
00903056	SIF 70 bn	767,00	672,00	15,00	brown
00903057	SIF 70 bk	767,00	672,00	15,00	black
00903058	SIF 95 bn	1032,00	912,00	18,20	brown
00903091	SIF 95 bk	1032,00	912,00	18,20	black
00903059	SIF 120 bn	1286,00	1152,00	19,20	brown
00903060	SIF 120 bk	1286,00	1152,00	19,20	black
00903061	SIF 150 bn	1565,00	1440,00	21,40	brown
00903094	SIF 150 bk	1565,00	1440,00	21,40	black
00903062	SIF 185 bn	1858,00	1776,00	23,60	brown
00903110	SIF 185 bk	1858,00	1776,00	23,60	black
00903112	SIF 185 gn/ye	1858,00	1776,00	23,60	green/yellow
00903063	SIF 240 bn	2450,00	2400,00	26,50	brown