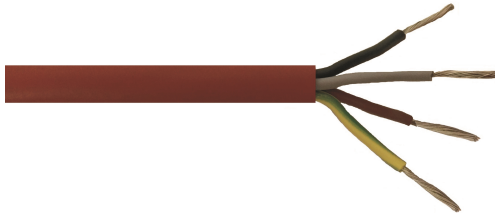




Heat-resistant cables - SIHF
Silicone ignition cable, halogen-free



Technical attributes

Standards	adapted to DIN VDE 0282-1
Conductor material	Cu, bare
Conductor type	strands tinned
Conductor standard	DIN VDE 0295
Conductor category	5
Core insulation	Silicone
Core colours	DIN VDE 0293 ≤ 5 cores: colour-coded, GN/YE-protection conductor; ≥ 6 cores: black, number-coded, GN/YE-protection conductor
Outer sheath	Silicone
Outer sheath colour	red-brown
Temperature range min., mobile operation	-60 °C
Temperature range max., mobile operation	+180 short-term up to +250 °C
Nominal voltage U ₀ /U	300/500 V
Test voltage	2000 V
Insulation resistance	2 mind. MΩ x km
Bending radius	7,5 x cable-Ø
oil-resistant	extensively
RoHS-compliant	ja yes

Description

Applicable as heat- and cold-resistant cable for use as a control, connection cable with high and fluctuating temperatures in electrical equipment, for free and fixed laying and flexible applications without tensile stress and forced guidance in dry, damp and wet rooms . The cables are halogen-free and suitable for use in power plants.

Note

Silicone ignition cable, halogen-free

Product table

product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
00907073	SIHF-O 2 x 0,5	39,00	9,60	5,50	red/brown
00907064	SIHF-J 3 x 0,5	48,00	14,40	5,80	red/brown
00907065	SIHF-J 4 x 0,5	56,00	19,20	6,20	red/brown
00907066	SIHF-J 5 x 0,5	66,00	24,00	6,80	red/brown
00907067	SIHF-J 7 x 0,5	84,00	33,60	7,40	red/brown
00907111	SIHF-J 10 x 0,5	124,00	48,10	10,00	red/brown
00907086	SIHF-J 12 x 0,5	141,00	57,60	9,80	red/brown
00907098	SIHF-J 18 x 0,5	211,00	86,50	12,90	red/brown
00907105	SIHF-J 25 G 0,5	271,00	120,00	15,20	red/brown
00907001	SIHF-O 2 x 0,75	53,00	14,40	6,40	red/brown



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product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
00907003	SIHF-J 3 x 0,75	63,00	21,60	6,80	red/brown
00907004	SIHF-J 4 x 0,75	83,00	29,00	7,80	red/brown
00907005	SIHF-J 5 x 0,75	101,00	36,00	8,50	red/brown
00907006	SIHF-J 6 x 0,75	115,00	43,00	9,20	red/brown
00907007	SIHF-J 7 x 0,75	124,00	50,00	9,20	red/brown
00907093	SIHF-J 12 x 0,75	185,00	87,00	11,10	red/brown
00907068	SIHF-O 2 x 1	59,00	19,00	6,70	red/brown
00907009	SIHF-J 3 x 1	77,00	29,00	7,50	red/brown
00907010	SIHF-J 4 x 1	94,00	38,40	8,10	red/brown
00907011	SIHF-J 5 x 1	115,00	48,00	8,90	red/brown
00907012	SIHF-J 6 x 1	134,00	58,00	9,60	red/brown
00907013	SIHF-J 7 x 1	144,00	67,00	9,60	red/brown
00907014	SIHF-O 2 x 1,5	81,00	29,00	7,60	red/brown
00907015	SIHF-J 3 x 1,5	98,00	43,00	8,00	red/brown
00907032	SIHF-J 4 x 1,5	148,00	58,00	8,60	red/brown
00907016	SIHF-J 5 x 1,5	147,00	72,00	9,60	red/brown
00907017	SIHF-J 6 x 1,5	173,00	86,00	10,40	red/brown
00907018	SIHF-J 7 x 1,5	187,00	101,00	10,40	red/brown
00907019	SIHF-J 8 x 1,5	213,00	115,00	11,60	red/brown
00907020	SIHF-J 10 x 1,5	263,00	144,00	13,10	red/brown
00907021	SIHF-J 12 x 1,5	314,00	173,00	13,60	red/brown
00907022	SIHF-J 14 x 1,5	379,00	202,00	14,80	red/brown
00907023	SIHF-J 16 x 1,5	438,00	231,00	16,20	red/brown
00907024	SIHF-J 18 x 1,5	490,00	259,00	17,00	red/brown
00907025	SIHF-J 20 x 1,5	527,00	288,00	17,50	red/brown
00907026	SIHF-J 24 x 1,5	613,00	346,00	20,40	red/brown
00907035	SIHF-O 2 x 2,5	134,00	48,00	9,30	red/brown
00907034	SIHF-J 3 x 2,5	152,00	72,00	9,70	red/brown
00907036	SIHF-J 4 x 2,5	188,00	96,00	17,00	red/brown
00907037	SIHF-J 5 x 2,5	228,00	120,00	11,70	red/brown
00907039	SIHF-J 6 x 2,5	269,00	144,00	12,70	red/brown
00907040	SIHF-J 7 x 2,5	293,00	168,00	12,70	red/brown
00907041	SIHF-J 12 x 2,5	490,00	288,00	16,20	red/brown



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product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
00907070	SIHF-O 2 x 4	180,00	77,00	10,80	red/brown
00907043	SIHF-J 3 x 4	224,00	115,00	11,40	red/brown
00907044	SIHF-J 4 x 4	295,00	154,00	12,50	red/brown
00907031	SIHF-J 5 x 4	359,00	192,00	14,40	red/brown
00907045	SIHF-J 6 x 4	442,00	230,00	15,60	red/brown
00907046	SIHF-J 7 x 4	479,00	269,00	15,60	red/brown
00907047	SIHF-O 2 x 6	274,00	115,00	12,20	red/brown
00907048	SIHF-J 3 x 6	338,00	173,00	13,00	red/brown
00907049	SIHF-J 4 x 6	441,00	230,00	14,20	red/brown
00907050	SIHF-J 5 x 6	535,00	288,00	16,20	red/brown
00907051	SIHF-J 6 x 6	631,00	346,00	17,70	red/brown
00907052	SIHF-J 7 x 6	685,00	403,00	17,70	red/brown
00907053	SIHF-J 4 x 10	707,00	384,00	19,80	red/brown
00907054	SIHF-J 4 x 16	989,00	614,00	22,20	red/brown
00907055	SIHF-J 4 x 25	1446,00	960,00	27,70	red/brown
00907071	SIHF-O 2 x 10	400,00	192,00	17,60	red/brown
00907057	SIHF-J 3 x 10	577,00	288,00	18,70	red/brown
00907058	SIHF-J 5 x 10	900,00	480,00	22,50	red/brown
00907072	SIHF-O 2 x 16	400,00	308,00	20,40	red/brown
00907060	SIHF-J 3 x 16	500,00	462,00	22,00	red/brown
00907061	SIHF-J 5 x 16	850,00	770,00	26,70	red/brown
00907062	SIHF-J 4 x 35	2100,00	1344,00	32,80	red/brown