



Heat-resistant cables - SIHF-GL-P
glass silk braid steel wire braid, silicone multi core cable halogen-free



Technical attributes

Standards	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	to 5 wire with DIN VDE 0293 coloured cores, 6 wire black supplied with numbers, protective earth gn/ye
Outer sheath	silicone, fiberglass tape roll, galvanized steel wire mesh
Outer sheath colour	red-brown
Temperature range min., mobile operation	-60 °C
Temperature range max., mobile operation	+180 °C
Nominal voltage U ₀ /U	300/500 V
Test voltage	2000 V
Insulation resistance	2 mind. MΩ x km
Bending radius	10 x cable-Ø
RoHS-compliant	yes

Description

As heat-and cold-resistant cable for use as a control, connection and connection cable with high and fluctuating temperatures in electrical equipment, for free and fixed laying and flexible applications without tensile stress and forcible in dry, damp and wet rooms . The cables are halogen free and are far more suitable for use in power plants. The sturdy steel wire mesh protects the line at high mechanical stresses

Note

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Product table

product number	product name	Outer sheath colour	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]
00908001	SIHF-GL-P-O 2 x 0,75	red-brown	90,00	14,40	7,90
00908002	SIHF-GL-P-J 3 x 0,75	red-brown	101,00	21,60	8,30
00908003	SIHF-GL-P-J 4 x 0,75	red-brown	129,00	29,00	9,30
00908004	SIHF-GL-P-J 5 x 0,75	red-brown	157,00	36,00	10,00
00908005	SIHF-GL-P-J 6 x 0,75	red-brown	170,00	43,00	10,50
00908006	SIHF-GL-P-J 7 x 0,75	red-brown	177,00	50,00	10,70
00908007	SIHF-GL-P-O 2 x 1	red-brown	97,00	19,00	8,00
00908008	SIHF-GL-P-J 3 x 1	red-brown	122,00	29,00	8,90
00908009	SIHF-GL-P-J 4 x 1	red-brown	141,00	38,00	9,40
00908010	SIHF-GL-P-J 5 x 1	red-brown	166,00	48,00	10,40



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00908011	SIHF-GL-P-J 6 x 1	red-brown	189,00	58,00	11,10
00908012	SIHF-GL-P-J 7 x 1	red-brown	197,00	67,00	11,20
00908013	SIHF-GL-P-O 2 x 1,5	red-brown	127,00	29,00	9,00
00908014	SIHF-GL-P-J 3 x 1,5	red-brown	145,00	43,00	9,50
00908015	SIHF-GL-P-J 4 x 1,5	red-brown	173,00	58,00	10,30
00908016	SIHF-GL-P-J 5 x 1,5	red-brown	202,00	72,00	11,00
00908017	SIHF-GL-P-J 6 x 1,5	red-brown	240,00	86,00	12,00
00908018	SIHF-GL-P-J 7 x 1,5	red-brown	244,00	101,00	12,00
00908019	SIHF-GL-P-J 8 x 1,5	red-brown	261,00	115,00	13,00
00908020	SIHF-GL-P-J 10 x 1,5	red-brown	292,00	144,00	14,60
00908021	SIHF-GL-P-J 12 x 1,5	red-brown	327,00	173,00	15,50
00908022	SIHF-GL-P-J 14 x 1,5	red-brown	382,00	202,00	16,20
00908023	SIHF-GL-P-J 16 x 1,5	red-brown	403,00	231,00	17,70
00908024	SIHF-GL-P-J 18 x 1,5	red-brown	440,00	259,00	18,70
00908025	SIHF-GL-P-J 20 x 1,5	red-brown	510,00	288,00	19,00
00908026	SIHF-GL-P-J 24 x 1,5	red-brown	600,00	346,00	21,50
00908027	SIHF-GL-P-O 2 x 2,5	red-brown	187,00	48,00	10,70
00908028	SIHF-GL-P-J 3 x 2,5	red-brown	205,00	72,00	11,20
00908029	SIHF-GL-P-J 4 x 2,5	red-brown	278,00	96,00	12,10
00908030	SIHF-GL-P-J 5 x 2,5	red-brown	322,00	120,00	13,30
00908031	SIHF-GL-P-J 6 x 2,5	red-brown	351,00	144,00	14,30
00908032	SIHF-GL-P-J 7 x 2,5	red-brown	380,00	168,00	14,40
00908033	SIHF-GL-P-J 12 x 2,5	red-brown	620,00	288,00	18,30
00908034	SIHF-GL-P-O 2 x 4	red-brown	272,00	77,00	12,50
00908035	SIHF-GL-P-J 3 x 4	red-brown	311,00	115,20	13,00
00908036	SIHF-GL-P-J 4 x 4	red-brown	384,00	154,00	15,00
00908037	SIHF-GL-P-J 5 x 4	red-brown	460,00	192,00	16,00
00908038	SIHF-GL-P-J 6 x 4	red-brown	580,00	230,00	17,10
00908039	SIHF-GL-P-J 7 x 4	red-brown	620,00	269,00	17,50
00908050	SIHF-GL-P-O 2 x 6	red-brown	366,00	115,20	15,10
00908041	SIHF-GL-P-J 3 x 6	red-brown	434,00	173,00	15,90
00908042	SIHF-GL-P-J 4 x 6	red-brown	545,00	230,00	185,00
00908043	SIHF-GL-P-J 5 x 6	red-brown	660,00	288,00	19,40



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00908044	SIHF-GL-P-J 6 x 6	red-brown	760,00	346,00	19,20
00908045	SIHF-GL-P-J 7 x 6	red-brown	830,00	403,00	20,70
00908046	SIHF-GL-P-J 4 x 10	red-brown	900,00	384,00	22,10
00908047	SIHF-GL-P-J 4 x 16	red-brown	1215,00	614,00	26,10
00908048	SIHF-GL-P-J 4 x 25,00	red-brown	1800,00	960,00	30,40

