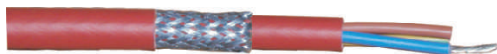




Heat-resistant cables - SIHF-Cu-SI (EMC-type)



Technical attributes

Standards	DIN VDE 0282-1
Conductor material	Cu, bare
Conductor type	strands tinned
Conductor standard	DIN VDE 0295
Conductor category	5
Core colours	to 5 wire with DIN VDE 0293 with coloured cores, ab 6 wire black with printed consecutive number codingkabeltec, protective wires gn/ye
Core insulation	Silicone
Outer sheath	Silicone
Outer sheath colour	red-brown
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. MQ x km
Minimum bending radius mobile operation	ca. 10 x cable-Ø
oil-resistant	extensively
Screening	Cu-braiding, tinned
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. Due to the shield will ensure interruption-free transmission of signals and impulses. The cables are halogen free and are far more suitable for use in power plants.

Product table

product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
00915001	SIHF-Cu-SI-O 2 x 0,5	108,00	56,00	8,60	red/brown
00915002	SIHF-Cu-SI-J 3 x 0,5	117,00	60,80	8,90	red/brown
00915003	SIHF-Cu-SI-J 4 x 0,5	130,00	66,50	9,40	red/brown
00915004	SIHF-Cu-SI-J 5 x 0,5	153,00	81,60	9,90	red/brown
00915005	SIHF-Cu-SI-J 7 x 0,5	172,00	92,20	10,50	red/brown
00915006	SIHF-Cu-SI-J 10 x 0,5	241,00	123,90	13,00	red/brown
00915007	SIHF-Cu-SI-J 12 x 0,5	262,00	134,30	13,30	red/brown
00915008	SIHF-Cu-SI-J 16 x 0,5	325,00	170,10	14,50	red/brown
00915011	SIHF-Cu-SI-J 18 x 0,5	350,00	181,00	15,10	red/brown



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product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
00915012	SIHF-Cu-SI-O 2 x 0,75	123,00	61,30	9,20	red/brown
00915013	SIHF-Cu-SI-J 3 x 0,75	135,00	69,10	9,50	red/brown
00915014	SIHF-Cu-SI-J 4 x 0,75	158,00	86,60	10,10	red/brown
00915015	SIHF-Cu-SI-J 5 x 0,75	179,00	95,10	10,70	red/brown
00915016	SIHF-Cu-SI-J 7 x 0,75	211,00	111,30	11,60	red/brown
00915017	SIHF-Cu-SI-J 10 x 0,75	305,00	165,10	14,40	red/brown
00915018	SIHF-Cu-SI-J 12 x 0,75	332,00	180,30	14,70	red/brown
00915019	SIHF-Cu-SI-J 16 x 0,75	416,00	212,10	16,50	red/brown
00915020	SIHF-Cu-SI-J 18 x 0,75	451,00	228,00	17,20	red/brown
00915045	SIHF-Cu-SI-O 2 x 1	131,00	66,70	9,50	red/brown
00915022	SIHF-Cu-SI-J 3 x 1	153,00	86,00	9,70	red/brown
00915023	SIHF-Cu-SI-J 4 x 1	172,00	96,80	10,30	red/brown
00915024	SIHF-Cu-SI-J 5 x 1	201,00	108,30	11,20	red/brown
00915025	SIHF-Cu-SI-J 7 x 1	242,00	141,10	11,90	red/brown
00915026	SIHF-Cu-SI-J 10 x 1	338,00	189,90	14,80	red/brown
00915027	SIHF-Cu-SI-J 12 x 1	370,00	209,80	15,10	red/brown
00915028	SIHF-Cu-SI-J 16 x 1	468,00	251,60	17,00	red/brown
00915029	SIHF-Cu-SI-J 18 x 1	525,00	297,40	17,70	red/brown
00915046	SIHF-Cu-SI-O 2 x 1,5	171,00	87,70	10,60	red/brown
00915031	SIHF-Cu-SI-J 3 x 1,5	198,00	103,30	11,20	red/brown
00915032	SIHF-Cu-SI-J 4 x 1,5	234,00	131,60	11,90	red/brown
00915033	SIHF-Cu-SI-J 5 x 1,5	281,00	148,30	13,20	red/brown
00915034	SIHF-Cu-SI-J 7 x 1,5	344,00	193,40	14,20	red/brown
00915035	SIHF-Cu-SI-J 10 x 1,5	482,00	268,30	17,60	red/brown
00915036	SIHF-Cu-SI-J 12 x 1,5	530,00	298,40	18,00	red/brown
00915037	SIHF-Cu-SI-J 16 x 1,5	660,00	362,20	20,00	red/brown
00915038	SIHF-Cu-SI-J 18 x 1,5	719,00	393,91	20,80	red/brown
00915047	SIHF-Cu-SI-O 2 x 2,5	230,00	122,30	12,00	red/brown
00915040	SIHF-Cu-SI-J 3 x 2,5	275,00	147,70	12,90	red/brown
00915041	SIHF-Cu-SI-J 4 x 2,5	339,00	188,60	14,20	red/brown
00915042	SIHF-Cu-SI-J 5 x 2,5	393,00	214,90	15,20	red/brown
00915043	SIHF-Cu-SI-J 7 x 2,5	488,00	262,50	16,80	red/brown
00915054	SIHF-Cu-SI-J 4 x 4	523,00	294,00	17,20	red/brown



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