

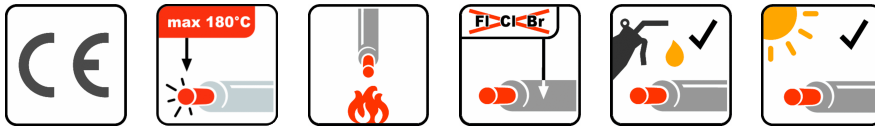
Silicone insulated cords SiHF



conductor material:	tinned copper
conductor construction:	fine stranded, class 5
insulation:	silicone rubber
maximum temperature at conductor:	180 °C
sheathing material:	silicone rubber
max. operating temperature, fixed:	-60- +180 °C
insulation resistance:	200 MOhm \times km
flame retardant:	VDE 0482-332-1-2
bending radius, fixed installation:	15 x DA
Halogen free:	DIN EN 50267/IEC 60754

	<i>SIHF-J</i>	<i>SIHF-O</i>
protective conductor:	yes	no
nominal voltage U₀:	300 V	300 V
nominal voltage U:	500 V	500 V
test voltage:	2 kV	2 kV
core identification:	colours acc. VDE 0293 (HD 308); more than 5 cores: gn-ye + numbers	

Application: For connection of electrical appliances without mechanical stress at increased environmental temperatures, for example in steel-works, but also at low temperatures. Insulation and sheath are resistant against most oils, acids, lyes and oxydants. For indoor and outdoor use.



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

core identification acc. to HD 308

number of cores	with protective conductor	without protective conductor
1	green-yellow	black
2		blue, brown
3	green-yellow, blue, brown	brown, black, gray
4	green-yellow, brown, black, gray	blue, brown, black, gray
5	green-yellow, blue, brown, black, gray	blue, brown, black, gray, black

table: technical data SIHF-J

p/n	part name	RI [Ω /km]	I _{bl} [A]	DA [mm]	CU	G [kg/km]
030709	SiHF-J 03X0,75 RT	26,7	12	6,8	21,6	66
030710	SiHF-J 04X0,75 RT	26,7	12	7,8	28,8	84
030942	SiHF-J 05X0,75 RT	26,7	12	8,5	36	101
031120	SiHF-J 06X0,75 RT	26,7	12	9,2	43,2	126
030943	SiHF-J 07X0,75 RT	26,7	12	9,6	50,4	158
030676	SiHF-J 03X1 RT	20	15	7,4	28,8	78
030682	SiHF-J 04X1 RT	20	15	8,0	38,4	95
030944	SiHF-J 05X1 RT	20	15	8,8	48	116
030678	SiHF-J 07X1 RT	20	15	10	67,2	177
032872	SiHF-J 20X1 RT	20	15	15,8	192	400
030680	SiHF-J 03X1,5 RT	13,7	18	8	43,2	98
030665	SiHF-J 04X1,5 RT	13,7	18	8,8	57,6	122
030711	SiHF-J 05X1,5 RT	13,7	18	9,6	72	148
030800	SiHF-J 07X1,5 RT	13,7	18	10,9	101	232

table: technical data SIHF-J

p/n	part name	Rl [Ω/km]	l _{bl} [A]	DA [mm]	CU	G [kg/km]
030791	SiHF-J 12X1,5 RT	13,7	18	14,8	172,8	332
032625	SiHF-J 18X1,5 RT	13,7	18	17,6	259,2	510
030945	SiHF-J 20X1,5 RT	13,7	18	18,5	288	549
030946	SiHF-J 24X1,5 RT	13,7	18	20,2	345,6	635
030664	SiHF-J 03X2,5 RT	8,21	26	9,7	72	152
030674	SiHF-J 04X2,5 RT	8,21	26	10,6	96	189
030691	SiHF-J 05X2,5 RT	8,21	26	11,6	120	229
030766	SiHF-J 07X2,5 RT	8,21	26	13,2	168	348
033890	SiHF-J 12X2,5 RT	8,21	26	18,0	288	530
031126	SiHF-J 03X4 RT	4,95	34	11,5	115	249
030668	SiHF-J 04X4 RT	5,09	34	13	154	330
030696	SiHF-J 05X4 RT	4,95	34	15	192	359
031127	SiHF-J 07X4 RT	4,95	34	16,2	269	487
031129	SiHF-J 03X6 RT	3,39	44	14,2	173	352
031130	SiHF-J 04X6 RT	3,39	44	16,2	230	429
030690	SiHF-J 05X6 RT	3,39	44	17,7	288	564
030951	SiHF-J 07X6 RT	3,39	44	19,3	403	685
030708	SiHF-J 04X10 RT	1,95	61	21,4	384	710
033749	SiHF-J 05X10 RT	1,95	61	22,5	480	900
030707	SiHF-J 04X16 RT	1,24	82	24	615	1014
031611	SiHF-J 05X16 RT	1,24	82	26,9	768	1206
031332	SiHF-J 04X25 RT	0,795	108	29,3	960	1460
032880	SiHF-J 04X35 RT	0,565	135	33,0	1344	2044
032847	SiHF-J 04X50 RT		168	34	1920	2990

table: technical data SIHF-O

p/n	part name	Rl [Ω/km]	l _{bl} [A]	DA [mm]	CU	G [kg/km]
031179	SiHF-O 02X0,75 RT	26,7	12	6,4	14,4	57
031180	SiHF-O 02X1 RT	20	15	6,6	19,2	64
031181	SiHF-O 02X1,5 RT	13,7	18	7,6	28,8	87
031182	SiHF-O 02X2,5 RT	8,21	26	9,2	48	137
031183	SiHF-O 02X4 RT	4,95	34	10,8	76,8	192
031184	SiHF-O 02X6 RT	3,39	44	13,4	116	289