

SiHF silicone multi-core



SiHF is a special 200 Degree C. silicone multi-core cable for use in high and low temperature areas or whenever insulation is subjected to extreme temperature changes. These cables are mainly found in steel producing industry and aviation industry as well as in ship building, cement, glass and ceramic factories. SiHF cables are halogen-free and especially suited for use in power stations. The silicone jacket provides added heat-resistance, chemical, oil and acidic resistance.



- **BENDING RADIUS:** 5 x Cable Diameter
- **TEMPERATURE:** -60° C. to +180° C. (220 Degree for Short Time) (Flame protection to IEC 60332.1)
- **RATED WORKING VOLTAGE:** 300/500V.
- **STRANDING:** VDE 0295 Class 5 - IEC 60228 (fine tinned copper)
- **COLOR CODE:** VDE-0293-308, 6+ Cores - Black w/ White Numbers and Green/Yellow Ground.
- **APPROVALS:** DIN VDE-0250 Part 1 & 816, CE Low-Voltage Directive & ROHS Compliant.

PART NUMBER	CORES	NOMINAL OD	LBS/MFT	KG/KM
20 AWG (16/32) 0,50mm²				
6102002	2	0.217" / 5.5mm	28	42
6102003	3	0.228" / 5.8mm	30	44
6102004	4	0.244" / 6.2mm	39	58
6102005	5	0.268" / 6.8mm	42	62
6102006	6	0.291" / 7.4mm	53	79
6102007	7	0.299" / 7.6mm	57	85
6102012	12	0.386" / 9.8mm	95	141
6102016	16	0.437" / 11.1mm	124	186
6102018	18	0.453" / 11.5mm	142	211
6102024	24	0.539" / 13.7mm	182	271
18 AWG (24/32) 0,75mm²				
6101802	2	0.252" / 6.4mm	36	53
6101803	3	0.268" / 6.8mm	42	63
6101804	4	0.303" / 7.7mm	56	83
6101805	5	0.335" / 8.5mm	68	101
6101806	6	0.362" / 9.2mm	77	115
6101807	7	0.374" / 9.5mm	83	124
6101812	12	0.437" / 11.1mm	124	185
6101816	16	0.496" / 12.6mm	146	218
6101818	18	0.524" / 13.3mm	174	260
6101824	24	0.614" / 15.6mm	248	370
17 AWG (32/32) 1,00mm²				
6101702	2	0.260" / 6.6mm	39	58
6101703	3	0.291" / 7.4mm	52	77
6101704	4	0.319" / 8.1mm	63	94
6101705	5	0.346" / 8.8mm	77	115
6101706	6	0.374" / 9.5mm	90	134
6101707	7	0.386" / 9.8mm	97	144
6101712	12	0.453" / 11.5mm	155	231
6101716	16	0.516" / 13.1mm	203	302
6101718	18	0.543" / 13.8mm	228	340
6101724	24	0.638" / 16.2mm	289	431

Sizes continued on next page.

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SIHF sizes continued

PART NUMBER	CORES	NOMINAL OD	LBS/MFT	KG/KM
16 AWG (30/30) 1,50mm²				
6101602	2	0.299" / 7.6mm	54	81
6101603	3	0.315" / 8.0mm	66	98
6101604	4	0.346" / 8.8mm	82	122
6101605	5	0.378" / 9.6mm	99	147
6101606	6	0.409" / 10.4mm	116	173
6101607	7	0.417" / 10.6mm	125	187
6101612	12	0.575" / 14.6mm	211	314
6101616	16	0.657" / 16.7mm	298	445
6101618	18	0.693" / 17.6mm	339	506
6101624	24	0.791" / 20.1mm	484	722
14 AWG (50/30) 2,50mm²				
6101402	2	0.362" / 9.2mm	90	134
6101403	3	0.382" / 9.7mm	102	152
6101404	4	0.417" / 10.6mm	126	188
6101405	5	0.457" / 11.6mm	153	228
6101406	6	0.508" / 12.9mm	204	304
6101407	7	0.516" / 13.1mm	215	320
6101412	12	0.701" / 17.8mm	337	502
6101416	16	0.752" / 19.1mm	442	659
6101418	18	0.791" / 20.1mm	510	761
6101424	24	0.965" / 24.5mm	675	1007
12 AWG (56/28) 4,0mm²				
6101202	2	0.425" / 10.8mm	121	180
6101203	3	0.449" / 11.4mm	150	224
6101204	4	0.516" / 13.1mm	198	295
6101205	5	0.567" / 14.4mm	241	359
6101207	7	0.638" / 16.2mm	321	479
10 AWG (84/28) 6,0mm²				
6101002	2	0.528" / 13.4mm	184	274
6101003	3	0.559" / 14.2mm	227	338
6101004	4	0.638" / 16.2mm	296	441
6101005	5	0.697" / 17.7mm	359	535
6101007	7	0.756" / 19.2mm	459	685
8 AWG (80/26) 10,0mm²				
6100803	3	0.736" / 18.7mm	416	620
6100804	4	0.803" / 20.4mm	474	707
6100805	5	0.886" / 22.5mm	604	900
6 AWG (128/26) 16,0mm²				
6100603	3	0.870" / 22.1mm	335	500
6100604	4	0.957" / 24.3mm	412	614
6100605	5	1.051" / 26.7mm	570	850
4 AWG (200/26) 25,0mm²				
6100403	3	1.031" / 26.2mm	738	1100
6100404	4	1.252" / 31.8mm	1020	1520
2 AWG (280/26) 35,0mm²				
6100203	3	1.177" / 29.9mm	1006	1500
6100204	4	1.291" / 32.8mm	1409	2100

* Additional sizes may be available.