

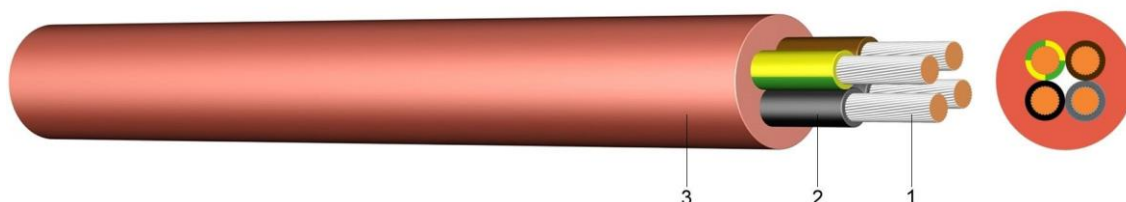


## SiHF

## Silicone Sheathed Cable

### Application:

In dry, humid and wet locations as well as in the open-air for low mechanical stress, particularly at high ambient temperatures.



### Construction:

- 1 ..... fine-stranded tinned or bare copper
- 2 ..... core insulation of silicone (2G11)
- 3 ..... outer sheath of silicone (2GM1), red-brown

### Standards:

DIN VDE 0207 part 20  
 DIN EN 60228 class 5 (construction)  
 HD 308 S2 (core identification)

### Technical data:

Nominal voltage  $U_0/U$

[V]

300 / 500 Volt

Test voltage

[V]<sub>AC</sub>

2000

Temperature range

in motion

-60°C till 180°C

temporary resilient

+250°C

Flammability

standard

EN 60332-1-2

Number of cores and nominal cross section mm <sup>2</sup>	from stock	from stock	Copper figure kg/km	Cond. construction (appr. value) mm	Overall diameter appr. mm	Weight appr. kg / km
	J	O				
2 x 0,75		●	15,0	24 x 0,21	6,4	63
3 x 0,75	●	●	22,5	24 x 0,21	6,8	76
4 x 0,75	●	●	30,0	24 x 0,21	7,8	101
5 x 0,75	●		37,5	24 x 0,21	8,5	120
7 x 0,75	●		52,5	24 x 0,21	9,2	148
2 x 1		●	20,0	32 x 0,21	6,6	71
3 x 1	●	○	30,0	32 x 0,21	7,4	93
4 x 1	●		40,0	32 x 0,21	8,1	113
5 x 1	●		50,0	32 x 0,21	8,8	136
7 x 1	●		70,0	32 x 0,21	9,5	169
2 x 1,5		●	30,0	30 x 0,26	7,6	97
3 x 1,5	●		45,0	30 x 0,26	8,0	117
4 x 1,5	●		60,0	30 x 0,26	8,8	145
5 x 1,5	●		75,0	30 x 0,26	9,6	175
7 x 1,5	●		105,0	30 x 0,26	10,9	220
12 x 1,5	●		180,0	30 x 0,26	14,6	413
16 x 1,5	●		240,0	30 x 0,26	16,2	520
24 x 1,5	●		360,0	30 x 0,26	20,4	811
2 x 2,5		●	50,0	50 x 0,26	9,2	146
3 x 2,5	●		75,0	50 x 0,26	9,7	179
4 x 2,5	●		100,0	50 x 0,26	10,6	222
5 x 2,5	●		125,0	50 x 0,26	11,6	268
7 x 2,5	●		175,0	50 x 0,26	12,6	339
12 x 2,5	●		300,0	50 x 0,26	17,1	609

Number of cores and nominal cross section mm <sup>2</sup>	from stock	from stock	Copper figure kg/km	Cond. construction (appr. value) mm	Overall diameter appr. mm	Weight appr. kg / km
	J	O				
2 x 4	●		80,0	50 x 0,31	10,8	210
3 x 4	●		120,0	50 x 0,31	11,5	261
4 x 4	●		160,0	50 x 0,31	13,2	346
5 x 4	●		200,0	50 x 0,31	14,3	418
7 x 4	●		280,0	50 x 0,31	15,6	530
4 x 6	●		240,0	84 x 0,31	15,6	497
5 x 6	●		300,0	84 x 0,31	17,6	631
4 x 10	●		400,0	80 x 0,41	19,1	778
4 x 16	●		640,0	128 x 0,41	23,4	1.197
4 x 25	●		1.000,0	200 x 0,41	28,6	1.827