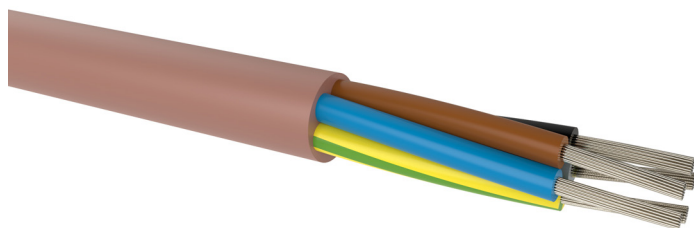


SiHF

Silicone sheathed cable

DESIGN



- 1 | Tinned copper conductor, fine wire
- 2 | Core insulation (silicone rubber)
- 3 | Outer sheath (silicone rubber red-brown)

APPLICATION

Used for internal wiring in dry, damp and wet locations and outdoors, for low mechanical stress. Especially suitable for high ambient temperatures.

TECHNICAL DATA



Standard:
adapted to DIN VDE 0250



Rated voltage:
300/500 V (U₀/U)



Test voltage:
2 kV / 50 Hz



Temperature range:
operating temperature: -50 °C up to 180 °C
conductor temperature: max. 180 °C
short circuit temperature: max. 350 °C/5 s



Bending radius (min.):
4 x Ø of cable



Core identification:
HD 308 S2

Number of cores x nominal cross-section (mm ²)	Max. conductor resistance (Ω/km)	Outer diameter (mm) appr.	Total weight (kg/km) appr.	Standard lengths/packing (m)
SiHF				
3 x 0.75	26.7	6.8	63	1000 Sp
4 x 0.75	26.7	7.6	83	1000 Sp
5 x 0.75	26.7	8.5	101	1000 Sp
7 x 0.75	26.7	9.2	124	100 R, 1000 Sp
2 x 1	20	6.6	59	100 R, 1000 Sp
3 x 1	20	7.0	77	1000 Sp
4 x 1	20	7.8	94	1000 Sp
5 x 1	20	8.8	115	1000 Sp
7 x 1	20	9.5	144	1000 Sp
2 x 1.5	13.7	7.6	81	100 R, 1000 Sp
3 x 1.5	13.7	8.0	98	100 R, 1000 Sp
4 x 1.5	13.7	8.8	122	100 R, 1000 Sp
6 x 1.5	13.7	10.4	173	1000 Sp
7 x 1.5	13.7	10.4	187	100 R, 1000 Sp
8 x 1.5	13.7	11.7	240	1000 D
12 x 1.5	13.7	14.8	332	1000 D
16 x 1.5	13.7	16.7	445	1000 D
24 x 1.5	13.7	21.0	723	1000 D
2 x 2.5	8.21	8.8	134	100 R, 1000 Sp
3 x 2.5	8.21	9.7	152	100 R, 1000 Sp
4 x 2.5	8.21	10.6	188	100 R, 1000 Sp
5 x 2.5	8.21	11.6	228	100 R, 1000 Sp

SiHF

Silicone sheathed cable

Number of cores x nominal cross-section (mm ²)	Max. conductor resistance (Ω/km)	Outer diameter (mm) appr.	Total weight (kg/km) appr.	Standard lengths/ packing (m)
SiHF				
7 x 2.5	8.21	12.6	320	1000 Sp
12 x 2.5	8.21	18.0	573	1000 Sp
2 x 4	5.09	10.8	180	1000 Sp
3 x 4	5.09	11.4	224	1000 Sp
4 x 4	5.09	12.6	295	1000 Sp
5 x 4	5.09	14.0	359	1000 Sp
7 x 4	5.09	16.2	486	1000 D
3 x 6	3.39	12.8	270	1000 D
4 x 6	3.39	14.2	341	1000 D
5 x 6	3.39	15.8	432	1000 D
7 x 6	3.39	19.8	694	1000 D
4 x 10	1.95	18.6	644	1000 D
4 x 16	1.24	21.8	950	1000 D
4 x 25	0.795	26.8	1557	1000 D

Technical changes reserved. All figures are therefore without guarantee.

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