



SiHF-J - 1,00 mm²

Highly heat-resistant, silicone-sheated flexible cable

Construction

- Conductor: stranded tinned Cu conductor, fine wire
- Strand structure to VDE 0295 class 5 / IEC 60228 class 5
- Silicone-insulated cores
- Up to 5 cores: coloured cores to VDE 0293
- 6 cores and over: black cores with printed consecutive number coding
- Green-yellow protective conductor (3 cores and over) in the outer layer
- Cores twisted in layers, with optimal lay lengths
- Outer sheath: silicone
- Sheath colour: preferably reddish brown

Technical Data

- Rated voltage: U₀/U 300/500 V
- Test voltage: 2.000 V
- Insulation resistance: ≥ 200 MΩm x km
- Bending radius: 15 x cable diameter
- Temperature range: -50°C to +180°C
temporarily up to +200°C

Properties

- Flame retardant to IEC 60332-1
- Halogen-free: HCI emission to IEC 60754-1
- Corrosiveness of combustion gas to IEC 60754-2

Ø Size mm ²	Cu-Weight kg/km	Outer-Ø mm	Total-Weight kg/km	Article number
2 x 1,00	19,2	6,6	60,0	8200201000
3 x 1,00	28,8	7,4	78,0	8200301000
4 x 1,00	38,4	8,0	95,0	8200401000
5 x 1,00	48,0	8,8	116,0	8200501000
6 x 1,00	57,6	9,5	135,0	8200601000
7 x 1,00	67,0	9,5	144,0	8200701000
8 x 1,00	77,0	10,0	160,0	8200801000
12 x 1,00	115,2	11,1	211,0	8201201000
18 x 1,00	172,8	13,5	302,0	8201801000
24 x 1,00	230,4	15,9	405,0	8202401000

Ø Size mm²	Cu-Weight kg/km	Outer-Ø mm	Total-Weight kg/km	Article number
25 x 1,00	241,0	16,3	430,0	8202501000

- Further formats available on request
- All data and products subject to change