



SiHF/Cu/Si-J - 1,00 mm²

Highly heat-resistant, silicone-sheated flexible cable with overall copper braided screening

Construction

- Conductor: tinned Cu conductor, fine wire
- Strand structure to VDE 0295 class 5 / IEC 60228 class 5
- Silicone-insulated cores
- Cores coloured 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
- Lapped with foil
- Tinned copper braided screening
- 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: 20 x cable diameter
- Temperature range: -50°C to +180°C
temporarily up to +200°C

Properties

- Flame retardant to IEC 60332-1
- Halogen-free: HCl 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 1,0	43,0	9,3	116,0	8400020100
3 x 1,0	55,7	9,7	142,0	8400030100
4 x 1,0	67,8	10,7	175,0	8400040100
5 x 1,0	80,3	11,5	203,0	8400050100
7 x 1,0	113,9	12,1	250,0	8400070100

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