

SiHF/GL/P-J - 1,00 mm²

Highly heat-resistant, silicone-sheathed flexible cable with glass fibre and armoured braid

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
- Glass fibre braiding
- Armoured braid made of galvanized steel wire

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 1,00	19,2	7,6	97,0	8220020100
3 x 1,00	28,8	8,5	120,0	8220030100
4 x 1,00	38,4	9,3	140,0	8220040100
5 x 1,00	48,0	10,2	167,0	8220050100
6 x 1,00	57,6	10,9	188,0	8220060100
7 x 1,00	67,0	10,9	197,0	8220070100

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