

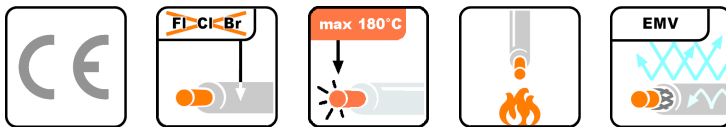


|  |                              |
|--|------------------------------|
| <b>conductor material:</b>                 | tinned copper                |
| <b>conductor construction:</b>             | fine stranded, class 5       |
| <b>insulation:</b>                         | silicone rubber              |
| <b>maximum temperature at conductor:</b>   | 180 °C                       |
| <b>inner sheath:</b>                       | silicone rubber              |
| <b>screen:</b>                             | Cu-braiding                  |
| <b>screen coverage:</b>                    | 85 %                         |
| <b>sheathing material:</b>                 | silicone rubber              |
| <b>max. operating temperature, fixed:</b>  | -60- +180 °C                 |
| <b>flame retardant:</b>                    | VDE 0482-332-1-2/IEC 60332-1 |
| <b>bending radius, moved application:</b>  | 10 x DA                      |
| <b>bending radius, fixed installation:</b> | 5 x DA                       |

|                                       |                  |                  |
|---------------------------------------|------------------|------------------|
|                                       | <i>SiHFCSI-J</i> | <i>SiHFCSI-O</i> |
| <b>protective conductor:</b>          | yes              | no               |
| <b>nominal voltage U<sub>0</sub>:</b> | 300 V            | 300 V            |
| <b>nominal voltage U:</b>             | 500 V            | 500 V            |
| <b>test voltage:</b>                  | 2 kV             | 2 kV             |

**Application:** For connection of electrical appliances without mechanical stress at increased environmental temperatures, for example in steel-works, but also at low temperatures. Insulation and sheath are resistant against most oils, acids, lyes and oxydants. For indoor and outdoor use. The cable is designed for connections in EMI-sensitive applications.



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

table: technical data SiHFCSI-J

| Art.-Nr. | part name              | DA [mm] | G [kg/km] | CU    |
|----------|------------------------|---------|-----------|-------|
| 031971   | SiHF-C-Si-J 04X0,5 RT  |         | 131       | 66,5  |
| 032125   | SiHF-C-Si-J 07X0,5 RT  |         | 173       | 95    |
| 031574   | SiHF-C-Si-J 03X0,75 RT |         | 130       | 69,1  |
| 031894   | SiHF-C-Si-J 04X0,75 RT | 10,1    | 83        | 86    |
| 033728   | SiHF-C-Si-J 05X0,75 RT | 10,9    | 177       | 95,2  |
| 032639   | SiHF-C-Si-J 07X0,75 RT | 11,6    | 214       | 113,3 |
| 033737   | SiHF-C-Si-J 03X1 RT    | 9,7     | 146       | 86,2  |
| 032889   | SiHF-C-Si-J 04X1 RT    | 10,7    | 174       | 97    |
| 033729   | SiHF-C-Si-J 05X1 RT    | 11,6    | 203       | 110   |
| 032890   | SiHF-C-Si-J 07X1 RT    | 12,1    | 247       | 142   |
| 031895   | SiHF-C-Si-J 24X1 RT    |         | 526       | 325   |
| 031951   | SiHF-C-Si-J 03X1,5 RT  |         | 198       | 103,5 |
| 032322   | SiHF-C-Si-J 04X1,5 RT  | 12,1    | 230       | 132   |

| Art.-Nr. | part name             | DA [mm] | G [kg/km] | CU    |
|----------|-----------------------|---------|-----------|-------|
| 033730   | SiHF-C-Si-J 05X1,5 RT | 13,3    | 276       | 149   |
| 032637   | SiHF-C-Si-J 07X1,5 RT | 14,3    | 342       | 193,4 |
| 031806   | SiHF-C-Si-J 12X1,5 RT |         | 454       | 298   |
| 034764   | SiHF-C-Si-J 03X2,5 RT | 12,9    | 275       | 148   |
| 032789   | SiHF-C-Si-J 04X2,5 RT | 14,2    | 334       | 189   |
| 032043   | SiHF-C-Si-J 05X2,5 RT |         | 394       | 214,9 |
| 032319   | SiHF-C-Si-J 04X4 RT   | 17,1    | 520       | 294   |
| 033482   | SiHF-C-Si-J 04X6 RT   | 18,8    | 781       | 449   |
| 033731   | SiHF-C-Si-J 05X4 RT   | 19,4    | 592       | 374   |
| 033744   | SiHF-C-Si-J 04X10 RT  | 25,7    | 1294      | 759   |
| 033745   | SiHF-C-Si-J 04X16 RT  | 28,4    | 1988      | 1180  |
| 033746   | SiHF-C-Si-J 04X25 RT  | 35      | 2995      | 1236  |

table: technical data SiHFCSI-O

| Art.-<br>Nr. | part name              | DA<br>[mm] | G<br>[kg/km] | CU |
|--------------|------------------------|------------|--------------|----|
| 034550       | SiHF-C-Si-O 02X0,5 RT  | 8,7        | 101          | 56 |
| 034551       | SiHF-C-Si-O 02X0,75 RT | 9,2        | 124          | 62 |
| 033506       | SiHF-C-Si-O 04X0,75 RT | 10,2       | 154          | 87 |
| 034552       | SiHF-C-Si-O 02X1 RT    | 9,5        | 132          | 67 |
| 034553       | SiHF-C-Si-O 02X1,5 RT  | 10,7       | 172          | 88 |

| Art.-<br>Nr. | part name             | DA<br>[mm] | G<br>[kg/km] | CU  |
|--------------|-----------------------|------------|--------------|-----|
| 034554       | SiHF-C-Si-O 02X2,5 RT | 12,1       | 230          | 123 |