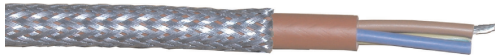




Heat-resistant cables - SIHFP
Silicone ignition cable, halogen-free



Technical attributes

| | |
|--|--|
| Standards | DIN VDE 0282-1 |
| Conductor material | Cu, bare |
| Conductor type | strands tinned |
| Conductor standard | DIN VDE 0295 |
| Conductor category | 5 |
| Core colours | DIN VDE 0293 ≤ 5 cores: colour-coded, GN/YE-protection conductor; ≥ 6 cores: black, number-coded, GN/YE-protection conductor |
| Outer sheath | silicon, galvanized steel wire netting |
| Outer sheath colour | red-brown |
| Temperature range min., mobile operation | -60 °C |
| Temperature range max., mobile operation | +180 °C |
| Temperature range min., fixed installation | -60 °C |
| Temperature range max., fixed installation | +180 °C |
| Nominal voltage U ₀ /U | 0,3/0,5 kV |
| Test voltage | 2 kV |
| Insulation resistance | 2 MΩ x km |
| Minimum bending radius mobile operation | 10 x cable-Ø |
| RoHS-compliant | yes |

Description

As heat-and cold-resistant cable for use as a control, connection and connection cable with high and fluctuating temperatures in electrical equipment, for free and fixed laying and flexible applications without tensile stress and forcible in dry, damp and wet rooms . The cables are halogen free and are far more suitable for use in power plants. The sturdy steel wire mesh protects the line at high mechanical stresses

Note

Silicone ignition cable, halogen-free

Product table

| product number | product name | Outer sheath colour | Weight ca. [kg] | Cu-weight [kg_km] | Outer-Ø ca. [mm] |
|----------------|------------------|---------------------|-----------------|-------------------|------------------|
| 00912001 | SIHFP-O 2 x 0,75 | red-brown | 90,00 | 14,40 | 8.40 |
| 00912002 | SIHFP-J 3 x 0,75 | red-brown | 101,00 | 21,60 | 8.80 |
| 00912003 | SIHFP-J 4 x 0,75 | red-brown | 129,00 | 29,00 | 9.80 |
| 00912004 | SIHFP-J 5 x 0,75 | red-brown | 157,00 | 36,00 | 10.50 |
| 00912005 | SIHFP-J 6 x 0,75 | red-brown | 170,00 | 43,00 | 11.00 |
| 00912006 | SIHFP-J 7 x 0,75 | red-brown | 177,00 | 50,00 | 11.20 |
| 00912007 | SIHFP-O 2 x 1 | red-brown | 97,00 | 19,20 | 8.50 |
| 00912008 | SIHFP-J 3 x 1 | red-brown | 122,00 | 29,00 | 9.40 |



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| product number | product name | Outer sheath colour | Weight ca. [kg] | Cu-weight [kg_km] | Outer-Ø ca. [mm] |
|----------------|------------------|---------------------|-----------------|-------------------|------------------|
| 00912009 | SIHFP-J 4 x 1 | red-brown | 141,00 | 38,00 | 9.90 |
| 00912010 | SIHFP-J 5 x 1 | red-brown | 166,00 | 48,00 | 10.90 |
| 00912011 | SIHFP-J 6 x 1 | red-brown | 189,00 | 58,00 | 11.60 |
| 00912012 | SIHFP-J 7 x 1 | red-brown | 197,00 | 67,00 | 11.70 |
| 00912013 | SIHFP-O 2 x 1,5 | red-brown | 127,00 | 29,00 | 9.50 |
| 00912014 | SIHFP-J 3 x 1,5 | red-brown | 145,00 | 43,00 | 10.00 |
| 00912015 | SIHFP-J 4 x 1,5 | red-brown | 173,00 | 58,00 | 10.80 |
| 00912016 | SIHFP-J 5 x 1,5 | red-brown | 202,00 | 72,00 | 11.50 |
| 00912017 | SIHFP-J 6 x 1,5 | red-brown | 240,00 | 86,00 | 12.50 |
| 00912018 | SIHFP-J 7 x 1,5 | red-brown | 244,00 | 101,00 | 12.50 |
| 00912025 | SIHFP-J 8 x 1,5 | red-brown | 261,00 | 115,00 | 13.50 |
| 00912024 | SIHFP-J 10 x 1,5 | red-brown | 292,00 | 144,00 | 15.10 |
| 00912023 | SIHFP-J 12 x 1,5 | red-brown | 327,00 | 173,00 | 16.00 |
| 00912022 | SIHFP-J 14 x 1,5 | red-brown | 382,00 | 202,00 | 16.70 |
| 00912021 | SIHFP-J 16 x 1,5 | red-brown | 403,00 | 231,00 | 18.20 |
| 00912020 | SIHFP-J 18 x 1,5 | red-brown | 440,00 | 259,00 | 19.20 |
| 00912019 | SIHFP-J 20 x 1,5 | red-brown | 510,00 | 288,00 | 19.50 |
| 00912027 | SIHFP-J 24 x 1,5 | red-brown | 600,00 | 346,00 | 22.00 |
| 00912028 | SIHFP-O 2 x 2,5 | red-brown | 187,00 | 48,00 | 11.20 |
| 00912029 | SIHFP-J 3 x 2,5 | red-brown | 205,00 | 72,00 | 11.70 |
| 00912030 | SIHFP-J 4 x 2,5 | red-brown | 278,00 | 96,00 | 12.60 |
| 00912031 | SIHFP-J 5 x 2,5 | red-brown | 322,00 | 120,00 | 13.80 |
| 00912032 | SIHFP-J 6 x 2,5 | red-brown | 351,00 | 144,00 | 14.80 |
| 00912033 | SIHFP-J 7 x 2,5 | red-brown | 380,00 | 168,00 | 14.90 |
| 00912046 | SIHFP-J 12 x 2,5 | red-brown | 620,00 | 288,00 | 18.30 |
| 00912034 | SIHFP-O 2 x 4 | red-brown | 272,00 | 77,00 | 13.00 |
| 00912035 | SIHFP-J 3 x 4 | red-brown | 311,00 | 115,00 | 13.50 |
| 00912036 | SIHFP-J 4 x 4 | red-brown | 384,00 | 154,00 | 15.50 |
| 00912037 | SIHFP-J 5 x 4 | red-brown | 460,00 | 192,00 | 16.50 |
| 00912038 | SIHFP-J 6 x 4 | red-brown | 580,00 | 230,00 | 17.60 |
| 00912039 | SIHFP-J 7 x 4 | red-brown | 620,00 | 269,00 | 18.00 |
| 00912040 | SIHFP-O 2 x 6 | red-brown | 366,00 | 115,00 | 15.60 |
| 00912041 | SIHFP-J 3 x 6 | red-brown | 434,00 | 173,00 | 16.40 |



Heat-resistant cables - SIHFP
Silicone ignition cable, halogen-free

| product number | product name | Outer sheath colour | Weight ca. [kg] | Cu-weight [kg_km] | Outer-Ø ca. [mm] |
|----------------|----------------|---------------------|-----------------|-------------------|------------------|
| 00912026 | SIHFP-J 4 x 6 | red-brown | 545,00 | 230,00 | 19.00 |
| 00912042 | SIHFP-J 5 x 6 | red-brown | 660,00 | 288,00 | 19.90 |
| 00912047 | SIHFP-J 6 x 6 | red-brown | 760,00 | 346,00 | 19.20 |
| 00912048 | SIHFP-J 7 x 6 | red-brown | 830,00 | 403,00 | 20.70 |
| 00912043 | SIHFP-J 4 x 10 | red-brown | 900,00 | 384,00 | 22.60 |
| 00912044 | SIHFP-J 4 x 16 | red-brown | 1215,00 | 614,00 | 26.60 |
| 00912045 | SIHFP-J 4 x 25 | red-brown | 1800,00 | 960,00 | on request |

