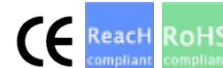


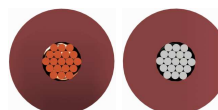
# SIF-HV

CAVO UNIPOLARE FLESSIBILE ISOLATO PER ALTA TENSIONE CON GOMMA SILICONICA  
HIGH VOLTAGE SINGLE CORE FLEXIBLE CONDUCTOR SILICONE RUBBER INSULATED CABLE



- 1 – Gomma siliconica  
Silicone rubber
- 2 – Conduttore in rame  
Copper conductor

COLORI ISOLAMENTO /  
INSULATION COLOUR



Conduttore flessibile in rame rosso o stagnato  
Flexible bare or tinned copper conductor

APPLICAZIONI /  
APPLICATIONS



CONFEZIONI /  
PACKAGING



| Dati Tecnici             |   |
|--------------------------|---|
| Temperatura di esercizio | -60 ÷ +180 °C                               |
| Punte a                  | 210°C                                       |
| Tensione nominale        | 2.8 ÷ 10 kV                                 |
| Tensione di prova        | 15 ÷ 25 kV                                  |
| Norme di riferimento     |   |
| Conduttore               | CEI 20/29 Classe 5<br>IEC EN 60228 Classe 5 |
| Halogen free             | CEI EN 50363-5                              |

| Technical Data      |   |
|---------------------|---|
| Working temperature | -60 ÷ +180 °C                             |
| Peaks at            | 210°C                                     |
| Nominal voltage     | 2.8 ÷ 10 kV                               |
| Voltage test        | 15 ÷ 25 kV                                |
| References          |   |
| Conductor           | CEI 20/29 Class 5<br>IEC EN 60228 Class 5 |
| Halogen free        | CEI EN 50363-5                            |

| TIPO   | SEZIONE NOMINALE | DIAMETRO MAX FILI CONDUTTORE              | SPESSORE ISOLANTE    | DIAMETRO ESTERNO | TENSIONE NOMINALE | TENSIONE DI PROVA | RESISTENZA ELETTRICA MAX A 20°C<br>MAX ELECTRIC RESISTANCE AT 20°C |                               |
|--------|------------------|---|----------------------|------------------|-------------------|-------------------|--|-------------------------------|
| TYPE   | NOMINAL SECTION  | MAXIMUM OVER.DIAM. OF THE CONDUCTOR WIRES | INSULATION THICKNESS | OUTER DIAMETER   | NOMINAL VOLTAGE   | TESTING VOLTAGE   | RAME ROSSO / BARE COPPER   | RAME STAGNATO / TINNED COPPER |
|        | mm <sup>2</sup>  | mm  | mm                   | mm               | kV                | kV                | Ω/Km   | Ω/Km                          |
| SIF HV | 0.25             | 0.21                                      | 1.18                 | 3.00             | 3.50              | 15                | 78.00  | 80.20                         |
|        | 0.35             | 0.21                                      | 1.45                 | 3.70             | 3.50              | 15                | 55.70  | 57.30                         |
|        | 0.35             | 0.21                                      | 2.10                 | 5.00             | 7.50              | 20                | 55.70  | 57.30                         |
|        | 0.50             | 0.21                                      | 1.05                 | 3.00             | 3.50              | 15                | 39.00  | 40.10                         |
|        | 0.50             | 0.21                                      | 2.50                 | 6.00             | 7.50              | 20                | 39.00  | 40.10                         |
|        | 0.50             | 0.21                                      | 3.00                 | 7.00             | 10.00             | 25                | 39.00  | 40.10                         |
|        | 0.60             | 0.21                                      | 1.50                 | 4.00             | 3.50              | 15                | 32.50  | 33.40                         |
|        | 0.75             | 0.21                                      | 1.10                 | 3.30             | 3.50              | 15                | 26.00  | 26.70                         |
|        | 0.75             | 0.21                                      | 2.45                 | 6.00             | 7.50              | 20                | 26.00  | 26.70                         |
|        | 0.75             | 0.21                                      | 2.95                 | 7.00             | 10.00             | 25                | 26.00  | 26.70                         |
|        | 1.00             | 0.21                                      | 1.60                 | 4.50             | 2.80              | 15                | 19.50  | 20.00                         |
|        | 1.00             | 0.21                                      | 1.85                 | 5.00             | 3.50              | 15                | 19.50  | 20.00                         |
|        | 1.00             | 0.21                                      | 2.35                 | 6.00             | 7.50              | 20                | 19.50  | 20.00                         |
|        | 1.00             | 0.21                                      | 2.85                 | 7.00             | 10.00             | 25                | 19.50  | 20.00                         |
|        | 1.50             | 0.26                                      | 3.00                 | 7.50             | 7.50              | 25                | 13.30  | 13.70                         |

Tolleranza sui diametri: +/- 5%  
Tolerances on diameters: +/- 5%

**Proprietà**  
Cavo resistente alle alte e basse temperature conservando un alto grado di flessibilità.  
Resistenti agli agenti atmosferici e all'umidità.

**Properties**  
Good resistance to high and low temperature.  
Weather proof.