

Type :

**SIHF**

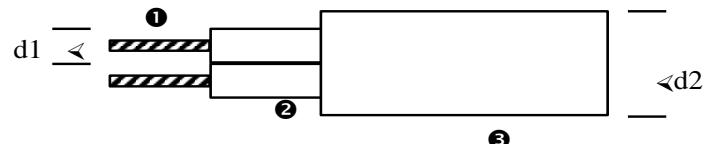


Description :

Energy cable, multicore, insulation and jacket in **silicone**

Abilities :

Scheme :



Construction :

- ① Cu bare flexible conductors
- ② Insulation **silicone**-compound
- ③ Jacket **silicone**-compound

Description of variant :

Copper : bare  
 Construction : see **Tab.**  
 Compound - type : **F01/C01**  
 Cores Colour : Blue + Brown + Yellow/Green  
 Jacket Colour : Black  
 Manufacture : Coils, Drums

Control during the production :

Test and Control - ref. CAP.7-8 Quality Hand-Book- PR 3 / Certification Quality Systems **ISO 9001:2015** (n° 9125.SILI) CSQ-IMQ (IQ-NET)

Norms :

**Halogen-free according to IEC 60754-1**  
**Corrosiveness of combustion gases according to IEC 60754-2**  
**Flame retardant and fire extinguishing acc. to IEC60332-1**

Technical dates :

- Nominal voltage : 300/500V
- Test voltage : 2,0 kV AC
- Work temperature : -50°C to +180°C
- Short-time temperature : 200°C
- Minimum bending radius: 10 x d2 (5 x d2 static)

Use :

High temperatures.  
 Static use, for dynamic use, please to get in touch with our Technical Office to fix adequate characteristics

Use limits:

Exists the cable impairment risk due at contact with strong corner or due by friction, do attention during use and installation

Nominal Cross Section mm <sup>2</sup>	Thick. mm	ø d1	ø layer mm	Thick. mm	ø d2 mm	Toll. mm	Copper Sales Factor Kg/Km	Cable Weight Kg/Km
3 x 1,5 (30x0,25)	0,6	2,8	6,0	1,0	8,0	± 0,2	40,5	ca.110

"Some of the terms used in this document are not used consistently in the industry. LEONI, however, endeavours to use terminology consistently in the interests of transparent business relationships and customer communication. In order to avoid difficulties in their interpretation, we refer you to the definitions of the terms used by us available at [www.leoni.com/en/company/copper-business](http://www.leoni.com/en/company/copper-business). The current version at the time this document was sent is the binding version. These definitions form part of the contract. If the terms defined there are used in this document, they have the meaning given there. The actual version of our definitions is available to you also already when the contract is concluded. We will be pleased to provide you with a list of these definitions if required."

"Depending on the system settings, other rounding methods may be used in addition to the "round half up" rule to calculate the price and to determine the individual factors. In certain cases, this may lead to slight differences, either upwards or downwards, compared to the "round half up" rule."

Characteristics and values can change without forewarning

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