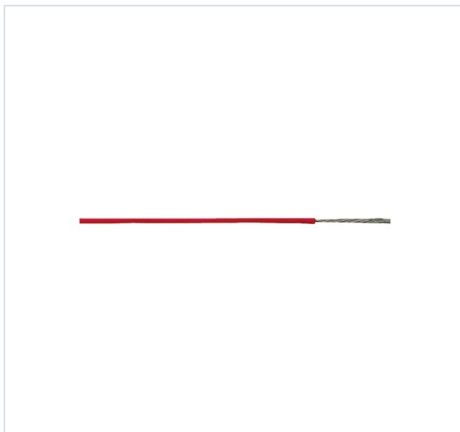


**INDUSTRIAL COMPONENT DATA**

# 0059104 ÖLFLEX HEAT 180 SiF 1X50 RD LAPP ÖLFLEX HEAT 180 SiF 1X50 RD

Brand: LAPP | Manufacturer Part Number: 0059104



|                 |                                                   |
|-----------------|---------------------------------------------------|
| Manufacturer    | LAPP                                              |
| MPN / Reference | 0059104                                           |
| Catalog number  | ÖLFLEX HEAT 180 SiF 1X50 RD                       |
| Category        | Power cable less 1 kV, for permanent installation |
| Minimum order   | 500 m.                                            |
| Document ID     | EO-E835ECE644                                     |
| Generated       | 2026-08-03                                        |

## Product Overview

ÖLFLEX HEAT 180 SiF 1X50 RD

ÖLFLEX® HEAT 180 SiF

**STRUCTURED PRODUCT DATA**

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

|              |                                                   |
|--------------|---------------------------------------------------|
| Catalog path | LAPP > ÖLFLEX HEAT Temperature measurement cables |
|--------------|---------------------------------------------------|

## Additional Product Information

ÖLFLEX® HEAT 180 SiF - fine wire silicone single core for use in machines, plant construction and toolbuilding for temperatures up to +180°C

Flexible fine-wire copper conductor

CPR: Article number choice under [www.lappkabel.com/cpr](http://www.lappkabel.com/cpr)

Benefits

Possesses insulating properties after combustion due to remaining SiO<sub>2</sub> ash on the conductor

Application range

Areas with high ambient temperatures where conventional core insulation materials will embrittle after a short while

Typical fields of application

- Control cabinet manufacturing
- Appliances and apparatus engineering
- Electric motor industry
- Sauna/solarium construction
- Thermal and heating elements

- Lighting technology
- Ventilator engineering
- Air-conditioning technology
- Furnace construction
- Polymer processing
- Generator and transformer manufacturing

**Product features**

Halogen-free according to IEC 60754-1

(amount of halogen acid gas)

Corrosiveness of combustion gases according to IEC 60754-2 (degree of acidity)

Flame-retardant according IEC 60332-1-2

Resistant to a multitude of oils, alcohols, vegetable and animal fats and chemical substances

Adequate ventilation must be ensured, since the mechanical properties of silicone cables decrease from +100°C in the absence of air

**Product Make-up**

Fine-wire, tinned-copper conductor

Silicone-based insulation

Classification ETIM 5

ETIM 5.0 Class-ID: EC000993

ETIM 5.0 Class-Description: Single core cable

Classification ETIM 6

ETIM 6.0 Class-ID: EC000993

ETIM 6.0 Class-Description:....

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send LAPP / 0059104 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

**GLOBAL OFFICES**

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.