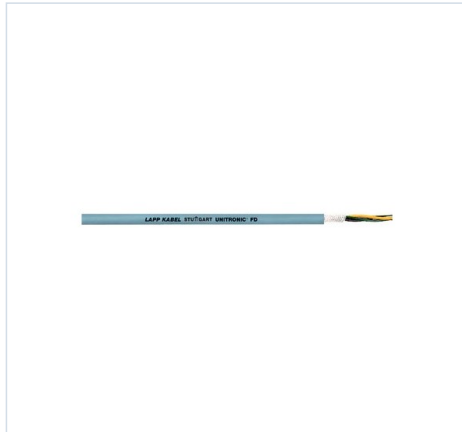


**INDUSTRIAL COMPONENT DATA**

# 0027858 UNITRONIC FD 5x0,25 LAPP UNITRONIC FD 5x0,25

Brand: LAPP | Manufacturer Part Number: 0027858



|                 |                              |
|-----------------|------------------------------|
| Manufacturer    | LAPP                         |
| MPN / Reference | 0027858                      |
| Catalog number  | UNITRONIC FD 5x0,25          |
| Category        | Data and communication cable |
| Minimum order   | 1 m.                         |
| Document ID     | EO-05F9C431CE                |
| Generated       | 2026-08-01                   |

## Product Overview

UNITRONIC FD 5x0,25

UNITRONIC® FD

**STRUCTURED PRODUCT DATA**

## Technical Specifications

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

## Classification & Catalog Path

|              |                                                        |
|--------------|--------------------------------------------------------|
| Catalog path | LAPP > flexible data cable transfer from special cable |
|--------------|--------------------------------------------------------|

## Additional Product Information

UNITRONIC® FD: Low-frequency PVC data cable, highly flexible/ extra-finely wired, drag/ energy chain 2 to 8 m cycles, constant flexing/ bending, flame retardant

Benefits

Well-proven and reliable

Optimized cable construction for power chain use

Cost-effective solution

Application range

Automated production processes require data transmission cables that offer high flexibility and durability

Suitable for use in measuring, control and regulating circuits

Assembly lines, production lines, in all kinds of machines

Product features

Low-adhesive surface

Flame-retardant according IEC 60332-1-2

Designed for 2 up to 8 million bending/unbending cycles in power chain applications

Norm references / Approvals

Based on VDE 0812

For travel distances up to 10 m

For use in power chains: Please comply with assembly guideline Appendix T3

Product Make-up

Extra-fine wire strand made of bare copper wires

Core insulation made of PVC

Non-woven wrapping

Outer sheath made of PVC

Outer sheath colour: grey (RAL 7001)

Classification ETIM 5

ETIM 5.0 Class-ID: EC000104

ETIM 5.0 Class-Description: Control cable

Classification ETIM 6

ETIM 6.0 Class-ID: EC000104

ETIM 6.0 Class-Description: Control cable

Core identification code

DIN 47100, refer to Appendix T9

Mutual capacitance

C/C: approx. 100 nF/km

Inductivity

approx. 0.65 mH/km

Conductor stranding

Stranded, extra-fine wire

Minimum bending radius

Flexing: 5 x outer diameter

Fixed installation: 3 x outer diameter

Test voltage

1500 V

Temperature range

Flexing...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send LAPP / 0027858 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 PI #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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