

**INDUSTRIAL COMPONENT DATA**

# 2170814 UNITRONIC BUS LD FD P A 2X2X0,25 LAPP

## UNITRONIC BUS LD FD P A 2X2X0,25

Brand: LAPP | Manufacturer Part Number: 2170814



|                 |                                  |
|-----------------|----------------------------------|
| Manufacturer    | LAPP                             |
| MPN / Reference | 2170814                          |
| Catalog number  | UNITRONIC BUS LD FD P A 2X2X0,25 |
| Category        | Data and communication cable     |
| Minimum order   | 1 m.                             |
| Document ID     | EO-991D1BCB2E                    |
| Generated       | 2026-08-04                       |

### Product Overview

UNITRONIC BUS LD FD P A 2X2X0,25  
UNITRONIC® BUS LD FD P

**STRUCTURED PRODUCT DATA**

### Technical Specifications

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

### Classification & Catalog Path

|              |                              |
|--------------|------------------------------|
| Catalog path | LAPP > UNITRONIC BUS cabling |
|--------------|------------------------------|

### Additional Product Information

For bus systems like e.g. Modbus, SUCOnet, Modulink, VariNet. Flame retardant, UL- approval, Core indet. code DIN 47100. Temperature range from -40°C bis +80°C

LD is a LAPP abbreviation for long distance

Benefits

Suitable for multiple Bus systems based on RS485 / RS422

PUR outer sheath, tear and notch-resistant, resistant to mineral oils and abrasion when used in power chains

Under consideration of the temperature range also suitable for outdoor use

Application range

For highly flexible applications (power chains, moving machine parts)

Bus cables for bus systems such as e.g. Modbus, SUCOnet P, Modulink P, VariNet-P)

Product features

The stated bit rates result in the following cable lengths (maximum) of one bus segment:

9.6-93.75 kbit/s = 1200m

187.5 kbit/s = max. 1,000 m

500 kbit/s = max. 400 m

UV-resistant (but colour may change after some time)

Norm references / Approvals

UNITRONIC® BUS LD FD P A:

UL versions with certification:

UL/CSA type CMX acc. to UL 444

and CSA C22.2 no. 214-02

Flame-retardant according IEC 60332-1-2

Product Make-up

Extra-fine wire strand made of bare copper

Colour code DIN 47100

Core insulation: PE

Overall screening of braided tinned-copper strands

Outer sheath: PUR, violet (RAL 4001)

Classification ETIM 5

ETIM 5.0 Class-ID: EC000830

ETIM 5.0 Class-Description: Data cable

Classification ETIM 6

ETIM 6.0 Class-ID: EC000830

ETIM 6.0 Class-Description: Data cable

Mutual capacitance

(800 Hz) max. 60 nF/km

Peak operating voltage

(not for power applicatio...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send LAPP / 2170814 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

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