

## INDUSTRIAL COMPONENT DATA

# 2170803 UNITRONIC BUS LD A 1X2X0,22 LAPP UNITRONIC BUS LD A 1X2X0,22

Brand: LAPP | Manufacturer Part Number: 2170803



|                 |                              |
|-----------------|------------------------------|
| Manufacturer    | LAPP                         |
| MPN / Reference | 2170803                      |
| Catalog number  | UNITRONIC BUS LD A 1X2X0,22  |
| Category        | Data and communication cable |
| Minimum order   | 1 m.                         |
| Document ID     | EO-C2AE930868                |
| Generated       | 2026-08-03                   |

## Product Overview

UNITRONIC BUS LD A 1X2X0,22  
UNITRONIC® BUS LD

## 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

Application range

For fixed installation

Maximum electromagnetic screening

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

Dry or damp rooms

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

Norm references / Approvals

UNITRONIC® BUS LD A:

UL versions with certification:

UL/CSA type CMX acc. to UL 444

and CSA C22.2 no. 214-02

Flame retardant acc. to IEC 60332-1-2

Product Make-up

Stranded conductor, bare, 7-wire

Core insulation: PE

Colour code DIN 47100

Overall screening of braided tinned-copper strands

Outer sheath: PVC, 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

Flexible use: 10 x outer diameter

Peak operating voltage

(not for power applications) 250 V

Conductor resistance

(loop): max. 186 ohm/km

Minimum bending radius

Fixed installation: 8 x outer diameter

Test voltage

Core/core: 1500 V rms

Characteristic impedance

100 - 120 Ohm

Temperature range

Fixed installation: -40°C to....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send LAPP / 2170803 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

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