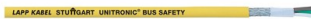


**INDUSTRIAL COMPONENT DATA**

# 2170295 UNITRONIC BUS SAFETY 3X0,75 LAPP UNITRONIC BUS SAFETY 3X0,75

Brand: LAPP | Manufacturer Part Number: 2170295



|                 |                              |
|-----------------|------------------------------|
| Manufacturer    | LAPP                         |
| MPN / Reference | 2170295                      |
| Catalog number  | UNITRONIC BUS SAFETY 3X0,75  |
| Category        | Data and communication cable |
| Minimum order   | 1 m.                         |
| Document ID     | EO-DCC046D2BC                |
| Generated       | 2026-08-05                   |

## Product Overview

UNITRONIC BUS SAFETY 3X0,75

UNITRONIC® BUS SAFETY

**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 systems e.g. SafetyBUS, based on CAN bus. Colour-coded in acc. with DIN 47100. Halogen free outer sheath, flame retardant. Temp. range from -40°C bis +80°C

### Benefits

For serial transmission of safety-oriented data

### Application range

UNITRONIC®BUS SAEFTY - fixed Installation

UNITRONIC®BUS SAEFTY FD P - highly flexible applications

For systems such as SafetyBUS p®, based on the well-known CAN bus system

### Product features

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

500 kbit/s = max.100 m

250 kbit/s = max. 250 m

125 kbit/s = max. 500 m

50 kbit/s = max. 1,000 m

**Norm references / Approvals**

Flame retardant acc. to IEC 60332-1-2

**Product Make-up**

Bare stranded copper wires

Core insulation: foam skin

Tin-plated copper wire braiding

Outer sheath: halogen-free, flame-retardant compound

Outer sheath: yellow

**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

**Certifications**

Version UNITRONIC® BUS SAFETY FC:

AWM Style 2464 (80°C 300 V)

**Mutual capacitance**

(800 Hz): max. 45 nF/km

**Peak operating voltage**

(not for power applications) 250 V

**Conductor resistance**

(loop): max. 52 ohm/km

**Minimum bending radius****Fixed installation:**

5 x outer diameter

**Test voltage**

Core/core: 3000 V

Core/core: 1500 V (FD- version)

**Characteristic impedance**

120 ohm

**Temperature range****UNITRONIC BUS SAFETY:**

Fixed installation: -30°C to +80°C

UNITRONIC BUS SA...

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**Send LAPP / 2170295 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.