

INDUSTRIAL COMPONENT DATA

2170266 UNITRONIC BUS CAN 1X2X0,5 LAPP UNITRONIC BUS CAN 1X2X0,5

Brand: LAPP | Manufacturer Part Number: 2170266



Manufacturer	LAPP
MPN / Reference	2170266
Catalog number	UNITRONIC BUS CAN 1X2X0,5
Category	Data and communication cable
Minimum order	1 m.
Document ID	EO-6D1A172878
Generated	2026-08-03

Product Overview

UNITRONIC BUS CAN 1X2X0,5

UNITRONIC® BUS CAN

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 CAN based communication systems like CANopen, flame retardant acc. IEC 60332-1-2, temperature range from -40°C up to +80°C

CAN = Controller Area Network

Application range

Fixed Installation

Product features

Maximum bit rate: 1 Mbit/s for 40 m

segment length

Larger conductor cross-section is necessary with increasing length. Refer to the table below (reference values from ISO 11898).

ISO 11898 makes recommendations for the segment length, cable cross section and bit rate

Flame-retardant according IEC 60332-1-2

Norm references / Approvals

Standardised internationally in ISO 11898

UL/CSA type CMX (UL 444)

Product Make-up

0.22 + 0.34 + 0.5: bare stranded conductor, 7-wire

0.75: bare stranded conductor, fine-wire

Core insulation: foam skin

Colour-coded in accordance with DIN 47100

Copper braid

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

(800 Hz) max. 40 nF/km

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

120 ohm

Temperature range

Fixed installation: -30°C to +80°C

Flexing: -5°C to +70°C

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send LAPP / 2170266 with the required quantity to info@electricaonline.com or use 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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