

INDUSTRIAL COMPONENT DATA

2170279 UNITRONIC BUS CAN FD P 2x2x0,5 LAPP

UNITRONIC BUS CAN FD P 2x2x0,5

Brand: LAPP | Manufacturer Part Number: 2170279



Manufacturer	LAPP
MPN / Reference	2170279
Catalog number	UNITRONIC BUS CAN FD P 2x2x0,5
Category	Data and communication cable
Minimum order	1 m.
Document ID	EO-0642B43238
Generated	2026-08-01

Product Overview

UNITRONIC BUS CAN FD P 2x2x0,5

UNITRONIC® BUS CAN 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 CAN based communication systems like CANopen. Halogen free, flame retardant acc. to IEC 60332-1-2, temperature range from -40°C bis +80°C

Application range

For highly flexible applications

Product features

Halogen-free

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
Stranded bare conductor
Core insulation: foam skin
Copper braid
Outer sheath: PUR, violet (RAL 4001)
UV-resistant (but colour may change after some time)
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
250 V (not for power transmission)
Conductor resistance
(loop): max. 159.8 ohm/km
Minimum bending radius
Flexing: 15 x outer diameter
Test voltage
Core/core: 1500 V rms
Characteristic impedance
120 ohm
Temperature range
Fixed installation: -40°C to +80°C
Flexing: -30°C to +70°C

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send LAPP / 2170279 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

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.