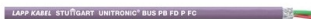


INDUSTRIAL COMPONENT DATA

2170322 UNITRONIC BUS PB FD P FC 1X2X0,64 LAPP

UNITRONIC BUS PB FD P FC 1X2X0,64

Brand: LAPP | Manufacturer Part Number: 2170322



Manufacturer	LAPP
MPN / Reference	2170322
Catalog number	UNITRONIC BUS PB FD P FC 1X2X0,64
Category	Data and communication cable
Minimum order	1 m.
Document ID	EO-3F927FD7E2
Generated	2026-08-04

Product Overview

UNITRONIC BUS PB FD P FC 1X2X0,64

UNITRONIC® BUS PB FD P FC

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

Bus cable for PROFIBUS-DP, -FMS and FIP. Fast Connect, flame retardance, oil resistance. Temperature range from -40°C bis +80°C

Benefits

Fast Connect (FC) cable design

Cables can be used for PROFIBUS-DP as well as PROFIBUS-FMS and FIP

Application range

PROFIBUS DP (in accordance with DIN 19245 and EN 50170, e.g. for SIEMENS SIMATIC® NET, also suitable for FIP - Factory Instrumentation Protocol).

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

Product features

Flame-retardant according IEC 60332-1-2

Oil-resistant

Based on the bit rates listed, in accordance with PNO specifications the following maximum cable lengths for a bus segment apply

(cable type A, PROFIBUS-DP):

93.75 kbit/s = 1200 m

187.5 kbit/s = 1000 m

500 kbit/s = 400 m

1.5 Mbit/s = 200 m

12.0 Mbit/s = 100 m

Norm references / Approvals

Certification: UL/CSA type CMX in accordance with UL 444 and CSA C22.2 no. 214

Product Make-up

Stranded bare copper wire

Core insulation: foam skin, (O2YS)

Overall screening with copper braid and plastic-laminated aluminium foil

Fast connect inner sheath: PVC, nature

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. 30 nF/km

Peak operating voltage

(not for power applications) 250 V

Minimum bending radius

Flexing: 15 x outer diameter

Test voltage

3600 V DC (3 sec.)

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REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send LAPP / 2170322 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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