

INDUSTRIAL COMPONENT DATA

2170822 UNITRONIC BUS PB FD P A 1X2X0,64 LAPP

UNITRONIC BUS PB FD P A 1X2X0,64

Brand: LAPP | Manufacturer Part Number: 2170822



Manufacturer	LAPP
MPN / Reference	2170822
Catalog number	UNITRONIC BUS PB FD P A 1X2X0,64
Category	Data and communication cable
Minimum order	1 m.
Document ID	EO-C423274E19
Generated	2026-08-02

Product Overview

UNITRONIC BUS PB FD P A 1X2X0,64

UNITRONIC® BUS PB FD P A

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. UL/CSA approved, Halogen free and enhanced flame retardance.

Temperature range from -40°C bis +80°C

A for Advanced

here: UL and CSA certifications

Benefits

For use where the combination of a halogen-free outer sheath with properties similar to PUR and enhanced flame-retardance is required

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)

Suitable for torsional applications which are typical for the loop in wind turbine generators (WTG)

Product features

Halogen-free

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

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:...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send LAPP / 2170822 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.