

INDUSTRIAL COMPONENT DATA

2170620 UNITRONIC BUS PB ROBUST 1X2X0,64 LAPP

UNITRONIC BUS PB ROBUST 1X2X0,64

Brand: LAPP | Manufacturer Part Number: 2170620



Manufacturer	LAPP
MPN / Reference	2170620
Catalog number	UNITRONIC BUS PB ROBUST 1X2X0,64
Category	Data and communication cable
Minimum order	1 m.
Document ID	EO-8A83090D5E
Generated	2026-08-03

Product Overview

UNITRONIC BUS PB ROBUST 1X2X0,64
UNITRONIC® BUS PB ROBUST

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. Resistance against water, chemicals, tensides, soaps..., UV-resistant, flame retardant. Temp. range -40°C bis +80°C

Excellent weather resistance

Good chemical resistance please see Appendix T1

Benefits

Robust PROFIBUS cable for use under harsh environmental conditions

Application range

For use for PROFIBUS-DP or FIP in harsh industrial environments

Fixed Installation

Product features

Significantly extended use and application areas, water and chemical resistance for use in industrial conditions.

High resistance to tensides, soaps etc.

UV-resistant

Flame-retardant according IEC 60332-1-2

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

Product Make-up

Solid and bare copper conductor

Core insulation: cellular PE, O2Y(S)

Overall screening with copper braid and plastic-laminated aluminium foil

Outer sheath: Specially formulated TPE,
violet (RAL 4001)

With conventional cable design

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

(1 kHz): approx. 28.5 nF/km

Peak operating voltage

(not for power applications) 250 V

Minimum bending radius

Fixed installation: 75 mm

Test voltage

Core/core: 1...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send LAPP / 2170620 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.