

INDUSTRIAL COMPONENT DATA

2170335 UNITRONIC BUS PA FC (BK) 1X2X1.0 LAPP

UNITRONIC BUS PA FC (BK) 1X2X1.0

Brand: LAPP | Manufacturer Part Number: 2170335



Manufacturer	LAPP
MPN / Reference	2170335
Catalog number	UNITRONIC BUS PA FC (BK) 1X2X1.0
Category	Data and communication cable
Minimum order	1 m.
Document ID	EO-DBFE79FC6F
Generated	2026-08-06

Product Overview

UNITRONIC BUS PA FC (BK) 1X2X1.0
UNITRONIC® BUS PA

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

Process-automation application connecting sensors and actuators - including areas with risks of explosion. Temperature range from -30°C bis +80°C

PA = Process Automation

Variant with UL/CSA CMG

Benefits

FC (Fast Connect) version is oil and UV-resistant

Application range

Process-automation application for connecting sensors and actuators - including areas with risks of explosion.

Fixed Installation

Product features

Bit rate = 31.25 kbit/s. Transmission technology RS485 also possible but bit rate is limited to 1.5 Mbit/s

Maximum cable length is dependent on several factors (e.g. supply voltage, current demand).

Technical Data: refer to the overview on "UNITRONIC® Bus Cables"

Flame-retardant according IEC 60332-1-2

Norm references / Approvals

PROFIBUS® PA is standardised in EN 50170 as PROFIBUS® DP and PROFIBUS® FMS

Transmission technology for PROFIBUS-PA in accordance with international standard IEC 61158-2

FC variant with

UL/CSA certification (CMG / PLTC)

Product Make-up

UNITRONIC®BUS PA

Stranded conductor

Copper braiding

Outer sheath: PVC, blue, (RAL 5015) intrinsically safe area, black (RAL 9005)

UNITRONIC® BUS PA FC

Bare copper wire

Fast Connect inner sheath

Cu-Geflecht

Outer sheath: PVC, blue (RAL 5015), black (RAL 9005)

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

Peak operating voltage

(not for power applications) 250 V

Conductor resistanc...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send LAPP / 2170335 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.