

INDUSTRIAL COMPONENT DATA

2170347 UNITRONIC BUS DN THIN FD Y LAPP UNITRONIC BUS DN THIN FD Y

Brand: LAPP | Manufacturer Part Number: 2170347



Manufacturer	LAPP
MPN / Reference	2170347
Catalog number	UNITRONIC BUS DN THIN FD Y
Category	Data and communication cable
Minimum order	1 m.
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Product Overview

UNITRONIC BUS DN THIN FD Y
UNITRONIC® DeviceNet FD THICK+THIN

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
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Additional Product Information

DeviceNet connects sensors, drives and PLCs. Based on technology. UL/CSA-approved. Temperature range from -40°C bis +80°C

Application range

For highly flexible applications

DeviceNet™ connects industrial devices e.g. limit switches, photoelectric switches, valve islands, motor starters, drives, PLCs, etc.

Product features

Based on proven CAN (Controller Area Network) technology.

Permissible cable lengths vary with the data rate and the cable thickness

Refer to data sheet for more details

PUR (P) Version: Halogene free

PVC (Y) Version: Flame retardant (UL FT4)

UV-resistant (but colour may change after some time)

Norm references / Approvals

PUR: UL/CSA-certified (CMX)
PVC: UL/CSA CMG 75°C FT4 Sun Res Oil Res, at 2170346 also PLTC
Product Make-up
Core insulation: PE
Outer sheath of Polyurethan (PUR) or Polyvinylchlorid (PVC)
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
Core identification code
Data pair: light blue + white
Power supply: red + black
Mutual capacitance
(800 Hz): max. 39.8 nF/km
Peak operating voltage
300 V (not for power applications)
Conductor resistance
Thick (loop): max. 45 ohm/km
Thin (loop): max. 180 ohm/km
Minimum bending radius
Fixed installation: 7.5 x outer diameter
Flexing: 15 x outer diameter
Test voltage
Core/core: 2000 V
Characteristic impedance
120 ohm
Temperature range
PUR: -40°C to +80°C
PVC: -10°C to +80°C

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send LAPP / 2170347 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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