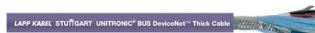


INDUSTRIAL COMPONENT DATA

2170341 UNITRONIC DN THIN FRNC LAPP UNITRONIC DN THIN FRNC

Brand: LAPP | Manufacturer Part Number: 2170341



Manufacturer	LAPP
MPN / Reference	2170341
Catalog number	UNITRONIC DN THIN FRNC
Category	Data and communication cable
Minimum order	1 m.
Document ID	EO-E92E81A817
Generated	2026-07-31

Product Overview

UNITRONIC BUS DN THIN FRNC
UNITRONIC® DeviceNet 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. Germanischer Lloyd and UL/CSA-approved.

Temperature range from -25°C bis +80°C

Application range

Fixed Installation

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

Product features

Resistant to oils

Based on proven CAN (Controller Area Network) technology.

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

FRNC Version: Halogene free and flame retardant

Refer to data sheet for more details

Norm references / Approvals

CMG UL/CSA certification 75°C or PLTC, Sun Res

FRNC variant additionally with
DNV GL certification
DNV GL certificate no. TAE00001JE
Product Make-up
Tinned copper wire
Core insulation: foam skin
Tinned-copper braiding with drain wire
Outer sheath: FRNC or 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: 15 x outer diameter
Test voltage
Core/core: 2000 V
Characteristic impedance
120 ohm
Temperature range
Fixed installation: -25°C to +80°C

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send LAPP / 2170341 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.