

**INDUSTRIAL COMPONENT DATA**

# 2170894 ETHERLINE FD P FC CAT5 2x2xAWG22 LAPP

## ETHERLINE FD P FC CAT5 2x2xAWG22

Brand: LAPP | Manufacturer Part Number: 2170894



|                 |                                  |
|-----------------|----------------------------------|
| Manufacturer    | LAPP                             |
| MPN / Reference | 2170894                          |
| Catalog number  | ETHERLINE FD P FC CAT5 2x2xAWG22 |
| Category        | Data and communication cable     |
| Minimum order   | 100 m.                           |
| Document ID     | EO-66F11B482C                    |
| Generated       | 2026-08-03                       |

### Product Overview

ETHERLINE FD P FC CAT5 2x2xAWG22

ETHERLINE

**STRUCTURED PRODUCT DATA**

### Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

### Classification & Catalog Path

|              |                                     |
|--------------|-------------------------------------|
| Catalog path | LAPP > Etherline Industrial cabling |
|--------------|-------------------------------------|

### Additional Product Information

Industrial Ethernet cable Cat.5 for highflexible use, for PROFINET-applications Type C; design 2x2xAWG22/7; UL- approval

Highly flexible application

For PROFINET applications

CAT.5-Performance

Benefits

Can be used in dry or damp rooms

Screened against interference

Can be used for Industrial Ethernet in harsh industrial environments

2pair: 10/100 Mbit/s for Industrial Ethernet

Application range

Power chain applications

Wiring of machines, tools, devices, appliances and control cabinets

suitable for EtherCAT and EtherNet/IP applications

Product features

PUR outer sheath is highly resistant to mineral oils and abrasion

Optimized cable construction for power chain use

Norm references / Approvals

UL/CSA type CMX (UL 444)

Flame-retardant according to UL VW1/CSA FT1

Halogen-free according to VDE 0472-815

Product Make-up

Fine-wire strand made of tinned-copper wires

Star quad

Colour-coded in accordance with PROFINET for Cat.5 applications

Inner sheath: thermoplastic copolymer (FRNC)

Overall screening with copper braid and plastic-laminated aluminium foil

PUR outer sheath, halogen-free

Colour: green (based on RAL 6018)

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) 125 V

Minimum bending radius

8 x outer diameter

Test voltage

Core/core: 700 V

Core/screen: 700 V

Characteristic impedance

nom. 100  $\Omega$  acc. to I...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send LAPP / 2170894 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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