

INDUSTRIAL COMPONENT DATA

2170485 ETHERLINE FD CAT.6A 4X2X24/7AWG LAPP

ETHERLINE FD CAT.6A 4X2X24/7AWG

Brand: LAPP | Manufacturer Part Number: 2170485



Manufacturer	LAPP
MPN / Reference	2170485
Catalog number	ETHERLINE FD CAT.6A 4X2X24/7AWG
Category	Data and communication cable
Minimum order	500 m.
Document ID	EO-4CB7940058
Generated	2026-08-03

Product Overview

ETHERLINE FD CAT.6A 4X2X24/7AWG

ETHERLINE® FD CAT.6

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.6A for highflexible use in drag chain, 4 pairs, PVC or PUR outer sheath with UL-approval, 4x2xAWG24/7

CAT.6A for drag chain, qualified for 10Gbit/s

For PROFINET applications with 4 pairs

Benefits

For use in power chains and moving machinery parts in dry or damp rooms

4pair: 100Mbit/s up to 10 Gbit/s for Industrial Ethernet

Premium screening against electromagnetic interference

Can be used for Industrial Ethernet in harsh industrial environments

Application range

For highly flexible applications

(e.g. power chains)

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

suitable for EtherCAT and EtherNet/IP applications

Product features

PUR version is halogen-free according to VDE 0472-815

Oil-resistant acc. IEC 60811-2-1

CAT.6A for drag chain, qualified for 10Gbit/s

Meets the requirements according to CAT.6A, ISO/IEC 11801 and EN 50173

min. 2.5 million bending cycles in the power chain

Norm references / Approvals

electrical requirements acc. to IEC 61156-6

PUR cable is UL/CSA-certified (CMX)

PUR versions: UL AWM Style 21576

PVC cable is UL/CSA-certified (CM)

Flame retardant acc. to IEC 60332-1-2

Product Make-up

7-wire tinned stranded copper conductor

Core insulation: Based on Polyolefin

S/FTP: copper braid as overall screening and pair screening with aluminium compound foil

Outer sheath: PUR/PVC

Colour: green (based on RAL 6018)

Classification ETIM 5

ETIM 5.0 Class-ID: EC000830

ETIM 5.0 Class-Description: Data cable

Classification ET...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send LAPP / 2170485 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.