

INDUSTRIAL COMPONENT DATA

2170905 ETHERLINE FIRE Cat.5e PH120 4x2x23/1 AWG LAPP

ETHERLINE FIRE Cat.5e PH120 4x2x23/1 AWG

Brand: LAPP | Manufacturer Part Number: 2170905



Manufacturer	LAPP
MPN / Reference	2170905
Catalog number	ETHERLINE FIRE Cat.5e PH120 4x2x23/1 AWG
Category	Data and communication cable
Minimum order	100 m.
Document ID	EO-0DC577120B
Generated	2026-08-03

Product Overview

ETHERLINE FIRE Cat.5e PH120 4x2x23/1 AWG

ETHERLINE® FIRE

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 for fixed installation, insulation integrity for 120 minutes, qualified for 1 GBit/s insulation integrity for at least 120 minutes in the event of fire

Benefits

Ensures that the cable can still transmit data during and after a fire for 120 min (according to EN50200)

High-quality, double screening ensures high transmission reliability in areas with electromagnetic interference

Application range

In industrial areas that use fire as a tool

Highly combustible or fire-prone areas for fixed installation

For indoor use

Product features

Fire behaviour:

- Halogen-free (IEC 60754-1 & EN50267-2-1)

- Flame-retardant (IEC 60332-1)

- Fire retardant (IEC 60332-3-24)

- Low smoke density (IEC 61034-2)

Circuit integrity for data cables PH120 (120 minutes) acc. to EN 50289-4-16

Product Make-up

Solid bare copper conductor

Core insulation: Based on Polyolefin

each insulation will be wrapped with a special tape (anti-fire barrier)

Twisting: 2 twisted-pair cores, stranding from 4 pairs

Halogen-free and flame-retardant FRNC outer sheath, colour: red (similar to RAL3000)

Classification ETIM 5

ETIM 5.0/6.0 Class-ID: EC000830

ETIM 5.0/6.0 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

Fixed installation: 15 x outer diameter

Characteristic impedance

nom. 100 Ω acc. to IEC 61156-5

Temperature range

Fixed installation: -20°C to....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send LAPP / 2170905 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.