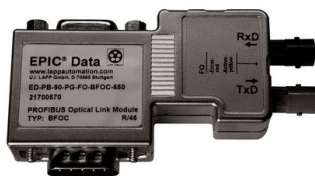


INDUSTRIAL COMPONENT DATA

21700570 ED-PB-90-PG-FO-BFOC-650 LAPP ED-PB-90-PG-FO-BFOC-650

Brand: LAPP | Manufacturer Part Number: 21700570



Manufacturer	LAPP
MPN / Reference	21700570
Catalog number	ED-PB-90-PG-FO-BFOC-650
Category	D-Sub connector
Minimum order	1 Pcs
Document ID	EO-7494E1E8A6
Generated	2026-08-03

Product Overview

ED-PB-90-PG-FO-BFOC-650
EPIC® DATA PB Sub-D FO

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path LAPP > EPIC DATA Copper

Additional Product Information

Data Connector D-Sub (9-pin.) for PROFIBUS DP according to IEC 61158, IEC 61784, with optical interface and repeater functionality and optical fiber interface (POF and PCF)

PROFIBUS repeater with integrated optical interface

Benefits

Easy covering of large distances (PCF 250 m / POF 65 m)

Cost-efficient due to quick installation (Plug & Play)

Galvanic isolation in case of potential differences within PROFIBUS network

For EMC critical environments

Integrated repeater functionality: Regeneration of data signal (slope, power and mark-to-space ratio)

Product features

max. distance:

POF fiber: 65 m

PCF fiber: 250 m

Diagnostic LEDs (blue, green, red, yellow)

Bus termination is integrated
Current consumption typ. 100 mA
Supply voltage 5.0 V DC
(supplied from the terminal)
Norm references / Approvals
IEC 61158, IEC 61784
Product Make-up
D-Sub plug, 9-pin, fixing screws 4-40 UNC
Improved electromagnetic compatibility (EMC) by metallized housing
Versions with additional Sub-D interface for programming/diagnostic ('PG')
An external 24 V supply is not necessary
Connection for optical cable (POF or PCF)
Classification ETIM 5
ETIM 5.0 Class-ID: EC001132
ETIM 5.0 Class-Description: D-Sub connector
Classification ETIM 6
ETIM 6.0 Class-ID: EC001132
ETIM 6.0 Class-Description: D-Sub connector
Dimensions
64 mm x 40 mm x 17 mm (LxWxH)
Protection rating
IP 20
Interfaces
Sub-D socket, 9-pin
Fibre optic cable: POF / PCF, 650 nm
Permissible ambient conditions
Operating temperature: 0°C to +60°C

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send LAPP / 21700570 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.