

Polarization Maintaining Patchcord, FC/PC, 0.12NA, 1440-1625nm, 1m



FC/PC Connector

Stock **#25-953** **4 In Stock**

-

1

+

€170⁰⁰

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Volume Pricing	
Qty 1-4	€170,00 each
Qty 5+	€153,00 each
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

SPECIFICATIONS

General

Type:
Patchcord

Fiber Cable Type:

PM1550-XP	
Slow Axis Alignment: Aligned to Connector Key	
Physical & Mechanical Properties	
Length (m): 1 +0.075/-0.0	
Jacket Material: Ø3 mm Blue PVC Furcation Tubing	
Key Width: 2mm Narrow Key Connector Key Aligned with Slow Axis	
Optical Properties	
Numerical Aperture NA: 0.125	
Alignment Wavelength (nm): 1550	
Wavelength Range (nm): 1440 - 1625	
Mode Field Diameter (nm): 10.1 ± 0.4µm @ 1550nm	
Extinction Ratio: 23dB (Mn) 25dB (Typ.)	
Hardware & Interface Connectivity	
Connector: FC/PC	
Insertion Loss (dB): 0.50dB (Max) 0.30dB (Typ.)	
Loss (dB): 50	
Environmental & Durability Factors	
Operating Temperature (°C): 0 to 70	
Storage Temperature (°C): -45 to 85	
Regulatory Compliance	
RoHS 2015: Compliant	
Certificate of Conformance: View	
REACH 241: Compliant	

PRODUCT DETAILS

- FC/PC, FC/APC, and Hybrid Terminated Connectors
 - Patchcords for Wavelengths from 460 – 1625nm
 - Polarization Extinction Ratios up to 25dB
 - 1m and 2m Standardized Lengths Available
- Polarization Maintaining Fiber Optic Patchcords are available with FC/PC or FC/APC terminated connectors. Hybrid terminated connectors enable users to adapt FC/PC or FC/APC patchcords for compatibility with existing fiber assemblies. Typical extinction ratios between 18 – 25dB maintain input polarization orientation. Polarization Maintaining Fiber Optic Patchcords are ideal for applications including beam delivery, telecommunications, fiber optic sensing. Each connector is engraved with the fiber type for easy integration and identification.

CUSTOM

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
 - High-precision surface quality and flatness
 - Tight tolerances and complex geometries
 - Scalable production—from prototype to volume
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