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Polarization Maintaining Patchcord, FC/APC, 0.12NA, 620-850nm, 1m



FC/APC Connector

Stock **#25-977** **1 In Stock**

-

1

+

£173⁰⁰

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Volume Pricing	
Qty 1-4	£173.60 each
Qty 5-24	£156.80 each
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General	
Patchcord	Type:
PM630-HP	Fiber Cable Type:
Aligned to Connector Key	Slow Axis Alignment:

Physical & Mechanical Properties

1 +0.075/-0.0	Length (m):
Ø3 mm Blue PVC Furcation Tubing	Jacket Material:
2mm Narrow Key Connector Key Aligned with Slow Axis	Key Width:

Optical Properties	
0.12	Numerical Aperture NA:
630	Alignment Wavelength (nm):
620 - 850	Wavelength Range (nm):
4.5 ± 0.5µm @ 630nm	Mode Field Diameter (nm):
20 dB (Mn) 22 dB (Typ.)	Extinction Ratio:

Hardware & Interface Connectivity	
FC/APC	Connector:
1.20dB (Max) 1.00dB (Typ.)	Insertion Loss (dB):
60	Loss (dB):

Environmental & Durability Factors	
0 to 70	Operating Temperature (°C):
-45 to 85	Storage Temperature (°C):

Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	REACH 241:

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

Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).