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Polarization Maintaining Patchcord, Hybrid FC, 0.12NA, 1270-1625nm, 1m

FC/PC to FC/APC Connector

Stock **#25-982** **1 In Stock**

- 1 + **A$315**.20

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Volume Pricing	
Qty 1-4	**A$315.20** each
Qty 5-24	**A$283.20** each
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General

Type:	Patchcord
Fiber Cable Type:	PM1300-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:
0.12

Alignment Wavelength (nm):
1310

Wavelength Range (nm):
1270 - 1625

Mode Field Diameter (nm):
9.3 ± 0.5µm @ 1300nm

Extinction Ratio:
23dB (Min)
25dB (Typ.)

Hardware & Interface Connectivity

Connector:
FC/PC to FC/APC

Insertion Loss (dB):
0.50dB (Max)
0.30dB (Typ.)

Loss (dB):
50 (FC/PC)
60 (FC/APC)

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

Learn more about our **custom manufacturing capabilities** or submit an inquiry **here.**