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Polarization Maintaining Patchcord, Hybrid FC, 0.12NA, 970-1550nm, 1m



FC/PC to FC/APC Connector

Stock **#25-983** **3 In Stock**

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1

+

₹15,492

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Volume Pricing	
Qty 1-4	₹15,492 each
Qty 5+	₹13,935 each
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General	
Type:	Patchcord
Fiber Cable Type:	PM980-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	
0.12	Numerical Aperture NA:
1064	Alignment Wavelength (nm):
970 - 1550	Wavelength Range (nm):
6.6 ± 0.5µm @ 980nm	Mode Field Diameter (nm):
22dB (Min) 24dB (Typ.)	Extinction Ratio:
Hardware & Interface Connectivity	
FC/PC to FC/APC	Connector:
0.70dB (Max) 0.50dB (Typ.)	Insertion Loss (dB):
50 (FC/PC) 60 (FC/APC)	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](#).