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Polarization Maintaining High ER Patchcord, FC/PC, 0.12NA, 970-1550nm, 1m



FC/APC Connector

Stock **#25-991** **3 In Stock**

MRP ₹30,055

Price inclusive of all taxes

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Volume Pricing	
Qty 1-4	₹30,055 each
Qty 5-24	₹26,975 each
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Product Downloads

General

Fiber Cable Type:
PM980-XP

Slow Axis Alignment:
Aligned to Connector Key

Physical & Mechanical Properties

Length (m):
1 +0.1/-0.0

	Jacket Material:
Ø3 mm Blue PVC Furcation Tubing	
	Key Width:
2mm Narrow Key	
Optical Properties	
	Numerical Aperture NA:
0.12	
	Alignment Wavelength (nm):
980	
	Wavelength Range (nm):
970 - 1550	
	Mode Field Diameter (nm):
6.6 ± 0.5µm @ 980nm	
	Extinction Ratio:
30dB (Min) 33dB (Typ.)	
Hardware & Interface Connectivity	
	Connector:
FC/PC	
	Insertion Loss (dB):
0.50dB (Max) 0.40dB (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	
	Country of Origin:
United States	
	Imported By:
Edmund Optics India Private Limited 267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038 Phone: +91- 80-6845 0000	

Need different specs or modifications?

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](#).

Product Details

- FC/PC, FC/APC, or Hybrid Terminated Connectors
- Patchcords for Wavelengths from 970 – 1625nm
- Extinction Ratios up to 33 dB
- Ideal for Use with 980, 1064, 1310, and 1550nm IR Lasers

High Extinction Ratio Polarization Maintaining Fiber Optic Patchcords are available with FC/PC or FC/APC terminated connectors. Hybrid terminated connectors enable users to adapt FC/PC and FC/APC patchcords for compatibility with existing fiber assemblies. When used at the fiber specific alignment wavelength, these fiber patchcords provide extinction ratios between 30 – 33 dB to better maintain input polarization. High Extinction Ratio Polarization Maintaining Fiber Optic Patchcords are ideal for applications including telecommunications, interferometry, and quantum key distribution. Each connector is engraved with the fiber type for easy integration and identification.