

[See all 40 Products in Family](#)

Single Mode Patchcord, FC/APC, 0.1-0.14NA, 488-633nm, 5m



Stock #71-145 **2 In Stock**

⊖ 1 ⊕ S\$162⁰⁰

ADD TO CART

Volume Pricing

Qty 1-4	S\$162.40 each
Qty 5-24	S\$146.16 each
Need More?	Request Quote

Product Downloads

General

Patchcord **Type:**
SM450 **Fiber Cable Type:**

Physical & Mechanical Properties

125 ± 1.0 **Cladding Diameter (µm):**

5 Length (m):

900µm Yellow Hytrel® Tubing Jacket Material:

245 ± 15µm Coating Diameter:

Optical Properties

0.13 Numerical Aperture NA:

≤50dB/km @ 488nm Attenuation (dB/km):

488 - 633 Wavelength Range (nm):

2.8 - 4.1µm@488nm Mode Field Diameter (nm):

Hardware & Interface Connectivity

FC/APC Connector:

2.5 @ 488nm Insertion Loss (dB):

Regulatory Compliance

[View](#) Certificate of Conformance:

[Compliant](#) REACH 241:

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, and Hybrid Terminated Connectors
- Patchcords for Wavelengths from 450 – 1650nm
- 1m, 2m and 5m Standardized Lengths Available

Single Mode 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. Designed for use with lasers from 450 – 1650nm in 1m, 2m and 5m standard lengths, these Single Mode Fiber Optic Patchcords are ideal for applications including beam delivery, microscopy, and telecommunications. Each connector is engraved with the fiber type for easy integration and identification.