

Single Mode Patchcord, FC/APC, 0.14NA, 980-1650nm, 5m



Stock #71-142 **1 In Stock**

- 1 + £106²⁵

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Product Downloads

SPECIFICATIONS

General

Patchcord
Type:
Fiber Cable Type:

Physical & Mechanical Properties

125 ± 0.5 **Cladding Diameter (μm):**

5 **Length (m):**

900μm Yellow Hytel® Tubing **Jacket Material:**

245 ± 10μm **Coating Diameter:**

Optical Properties

0.13 **Numerical Aperture NA:**

≤2.1dB/km @ 980nm ≤1.5dB/km @ 1060nm **Attenuation (dB/km):**

980 - 1650 **Wavelength Range (nm):**

5.9 ± 0.3μm @ 980nm
6.2 ± 0.3μm @ 1060nm **Mode Field Diameter (nm):**

Hardware & Interface Connectivity

FC/APC **Connector:**

0.7 @ 1064nm **Insertion Loss (dB):**

Regulatory Compliance

[View](#) **Certificate of Conformance:**

[Compliant](#) **REACH 241:**

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.

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](#).