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



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

⊖ 1 ⊕ £92⁰⁰

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Volume Pricing

Qty 1-4	£92.80 each
Qty 5-24	£83.52 each
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

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

Physical & Mechanical Properties

125 ± 1.0	Cladding Diameter (µm):
5	Length (m):
900µm Yellow Hytel® 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:

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](#).