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

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

−   1   +   €116⁰⁰

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Volume Pricing	
Qty 1-4	**€116,00** each
Qty 5-24	**€104,40** each
Need More?	**Request Quote**

🛈 Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Type:	
Patchcord	
Fiber Cable Type:	
SM450	

Physical & Mechanical Properties

	Cladding Diameter (μm):	
125 ± 1.0		
	Length (m):	
5		
	Jacket Material:	
900μm Yellow Hytrel® Tubing		
	Coating Diameter:	
245 ± 15μm		

Optical Properties

	Numerical Aperture NA:	
0.13		
	Attenuation (dB/km):	
≤50dB/km @ 488nm		
	Wavelength Range (nm):	
488 - 633		
	Mode Field Diameter (nm):	
2.8 - 4.1μm@488nm		

Hardware & Interface Connectivity

	Connector:	
FC/APC		
	Insertion Loss (dB):	
2.5 @ 488nm		

Regulatory Compliance

	Certificate of Conformance:	
View		
	REACH 241:	
Compliant		

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.**

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