

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

#71-140



해당 제품은 FC/PC 커넥터 혹은 FC/APC 커넥터와 사용할 수 있습니다. 이중 종단 커넥터를 사용하면 FC/PC 패치 코드나 FC/APC 패치 코드를 연결하여 기존의 광섬유 케이블 어셈블리와 호환되도록 만들 수 있습니다. 해당 제품은 표준 길이인 1m/2m/5m로 제공되며 450 - 1650nm 레이저와 사용하도록 설계되어 빔 전달, 현미경, 통신 등의 어플리케이션에 적합합니다. 커넥터를 쉽게 식별하고 연결할 수 있도록 커넥터마다 광섬유 케이블 타입이 새겨져 있습니다.

## General

Type:	Patchcord
Fiber Cable Type:	SM450

## Physical & Mechanical Properties

Cladding Diameter ( $\mu\text{m}$ ):	$125 \pm 1.0$
Length (m):	5
Jacket Material:	900 $\mu\text{m}$ Yellow Hytrel® Tubing
Coating Diameter:	$245 \pm 15\mu\text{m}$

## Optical Properties

Numerical Aperture NA:	0.13
Attenuation (dB/km):	$\leq 50\text{dB/km @ } 488\text{nm}$
Wavelength Range (nm):	488 - 633
Mode Field Diameter (nm):	$2.8 - 4.1\mu\text{m@}488\text{nm}$

## Hardware & Interface Connectivity

Connector:	FC/PC
Insertion Loss (dB):	$2.5 @ 488\text{nm}$



June 22, 2025

To Whom It May Concern,

This document certifies that the product stated below has been reviewed as requested by Edmund Optics:

재고 번호	제품설명
71-140	Single Mode Patchcord, FC/PC, 0.1-0.14NA, 488-633nm, 5m

This item is EU RoHS (2011/65/EU) compliant without the use of exemptions.

This certification means that:

- EO's suppliers have confirmed the material composition of this product.
- EO has implemented rigorous procedures to document this compliance.
- The information provided may, or may not, be based upon actual test data, or on information from our Vendors, Raw Material Suppliers or Subcontractors.



Jay Budd, Director of Corporate Compliance

June 22, 2025

Edmund Optics Inc. - 101 E Gloucester Pike, Barrington, NJ 08007 | 1-800-363-1992 | [Compliance@edmundoptics.com](mailto:Compliance@edmundoptics.com)



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Edmund Optics certifies that all articles included in this shipment are in compliance with the terms and conditions of this order. The company also certifies that the articles included in this shipment are in accordance to all agreed upon specifications and quality assurance provisions. Please call 1-800-363-1992 should any questions arise from this shipment.



Jeff Harvey- EVP of Operations



June 22, 2025

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This item does not contain any of the substances listed on the Reach SVHC list as of 27 June 2024 in quantities exceeding 0.1% weight by weight.

Please note the following:

- Entry 11 of Annex V of the REACH regulation EC 1907/2006 as amended by regulation 987/2008, exempts "non-hazardous" glass components from registration.
- Items considered to be packing materials and which do not form part of, or are not required for the operation of, the product, are not considered to be within scope of this declaration.
- EO does not routinely analyze products for substances not purposely added or specified within the design specifications, drawings and assembly procedures.

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Jay Budd, Director of Corporate Compliance  
June 22, 2025

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