

[See all 19 Products in Family](#)

## 10mm Aperture UV/VIS Fiber Optic Collimator, SMA



Fiber Optic Collimator, SMA (SMA adapter inserted)



Stock #88-181 **1 In Stock**

1  MRP ₹42,777

Price inclusive of all taxes

**ADD TO CART**

Volume Pricing	
Qty 1-10	₹42,777 each
Qty 11-24	₹37,733 each
Qty 25-49	₹35,715 each
Need More?	<a href="#">Request Quote</a>

### Product Downloads

### General

Fiber Collimator **Type:**  
0.22 **Compatible Fiber NA:**

**Housing Material:**  
Anodized Aluminum

**Note:**  
Compatible with #88-182, #88-183, #88-184, #88-185, #88-186, & #88-187 Refocusing Assemblies

## Physical & Mechanical Properties

**Diameter (mm):**  
15.88

**Aperture Size:**  
10.0

**Length (mm):**  
34.29

## Optical Properties

**Substrate:**   
Fused Silica (Corning 7980)

**Wavelength Range (nm):**  
190 - 1250

**Fiber Diameter (µm):**  
compatible 400 to 800

**Focal Length FL (mm):**  
18.00

## Hardware & Interface Connectivity

**Connector:**  
SMA

## Environmental & Durability Factors

**Operating Temperature (°C):**  
-40 to 100

## Regulatory Compliance

**RoHS 2015:**  
Compliant

**Reach 209:**  
Compliant

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

**Country of Origin:**  
United States

**Imported By:**  
Edmund Optics India Private Limited  
267, Greystone Building, Second Floor,  
6th Cross Rd, Binnamangala,  
Stage 1, Indiranagar, Bengaluru,  
Karnataka, India 560038  
Phone: +91- 80-6845 0000

## Product Details

- Can Be Coupled to Standard 0.22 NA Fiber Optic Cables
- Options Available for UV-VIS or VIS-NIR
- Multiple Focal Length or Aperture Options

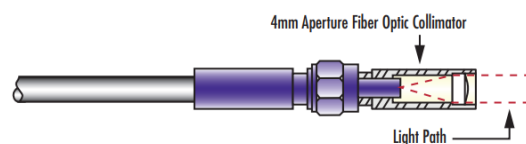
Focusable Collimators consist of two separate components: a fiber optic collimator and a fiber optic refocusing assembly. The fiber optic collimator utilizes a PCX lens positioned at the focal length from the optical fiber tip. These collimators are available with FC or SMA threads, and easily couple to standard 0.22 NA fiber optic cables. Focusable Collimators expand the beam and decrease the divergence by the ratio of the fiber core diameter to the collimator aperture. Fiber optic refocusing assemblies mount directly to the fiber optic collimator and allow for optimal focus at a given distance.

# LASER OPTICS MADE BY EDMUND OPTICS®

[LEARN MORE](#)

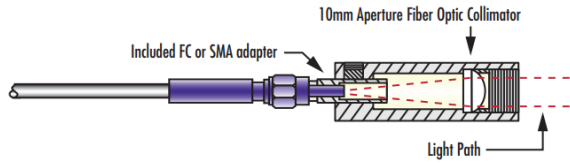
## Technical Information

Fiber with 4mm Aperture Fiber Optic Collimator



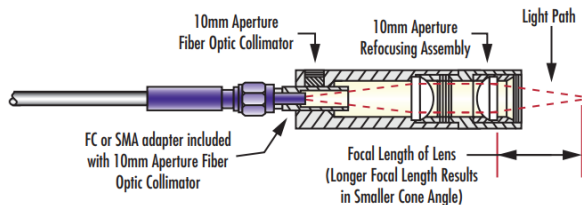
The 4mm Aperture Fiber Optic Collimator threads directly onto FC or SMA fiber.

**Fiber with 10mm Aperture Fiber Optic Collimator**



Each 10mm Aperture Fiber Optic Collimator includes an FC or SMA adapter that is inserted into the collimator and locked by a set screw.

**Fiber with 10mm Aperture Fiber Optic Collimator and Refocusing Assembly**



A 10mm Aperture Refocusing Assembly can then be directly threaded onto the 10mm Aperture Fiber Optic Collimator.

Collimator Description	Stock Number	Compatible Refocusing Assembly
4mm Aperture UV/MS Fiber Optic Collimator, FC	<a href="#">#88-189</a>	No Compatible Refocusing Assemblies
4mm Aperture UV/MS Fiber Optic Collimator, SMA	<a href="#">#88-173</a>	No Compatible Refocusing Assemblies
4mm Aperture VIS/NIR Fiber Optic Collimator, FC	<a href="#">#88-188</a>	No Compatible Refocusing Assemblies
4mm Aperture VIS/NIR Fiber Optic Collimator, SMA	<a href="#">#88-172</a>	No Compatible Refocusing Assemblies
10mm Aperture UV/MS Fiber Optic Collimator, FC	<a href="#">#88-191</a>	<a href="#">#88-182</a> , <a href="#">#88-183</a> , <a href="#">#88-184</a> , <a href="#">#88-185</a> , <a href="#">#88-186</a> , & <a href="#">#88-187</a>
10mm Aperture UV/MS Fiber Optic Collimator, SMA	<a href="#">#88-181</a>	<a href="#">#88-182</a> , <a href="#">#88-183</a> , <a href="#">#88-184</a> , <a href="#">#88-185</a> , <a href="#">#88-186</a> , & <a href="#">#88-187</a>
10mm Aperture VIS/NIR Fiber Optic Collimator, FC	<a href="#">#88-190</a>	<a href="#">#88-182</a> , <a href="#">#88-183</a> , <a href="#">#88-184</a> , <a href="#">#88-185</a> , <a href="#">#88-186</a> , & <a href="#">#88-187</a>
10mm Aperture VIS/NIR Fiber Optic Collimator, SMA	<a href="#">#88-180</a>	<a href="#">#88-182</a> , <a href="#">#88-183</a> , <a href="#">#88-184</a> , <a href="#">#88-185</a> , <a href="#">#88-186</a> , & <a href="#">#88-187</a>