

[See all 67 Products in Family](#)

LightPath 354240 | 543nm Alignment, 0.50 NA Fiber Collimator w/ FC/APC Connector

See More by [Lightpath®](#)



Fiber Optic Collimator and Focuser Assemblies



Stock #16-709 [CONTACT US](#)

- 1 + C\$488⁰⁰

ADD TO CART

Volume Pricing	
Qty 1-5	C\$488.60 each
Qty 6+	C\$358.40 each
Need More?	Request Quote

Product Downloads

General

354240 **Lightpath Lens Code:**

Fiber Collimator **Type:**

Physical & Mechanical Properties

Clear Aperture CA (mm):
8.00

Bevel:
Protective as needed

Construction:
304L Stainless Steel Housing

Housing Diameter (mm):
12.00

Housing Length (mm):
17.91

Optical Properties

Effective Focal Length EFL (mm):
8.00 @ 780nm

Numerical Aperture NA:
0.50

Substrate:
[D-ZK3](#)

Coating:
BBAR (350-700nm)

Coating Specification:
 $R_{avg} < 0.5\%$ @ 350 - 700nm

Surface Quality:
40-20

f#:
1.00

Wavelength Range (nm):
350 - 700

Conjugate Distance:
Infinite

Alignment Wavelength (nm):
543

Hardware & Interface Connectivity

Connector:
FC/APC

Threading & Mounting

Mount:
M12 x 0.5

Regulatory Compliance

RoHS 2015:
[Compliant](#)

Certificate of Conformance:
[View](#)

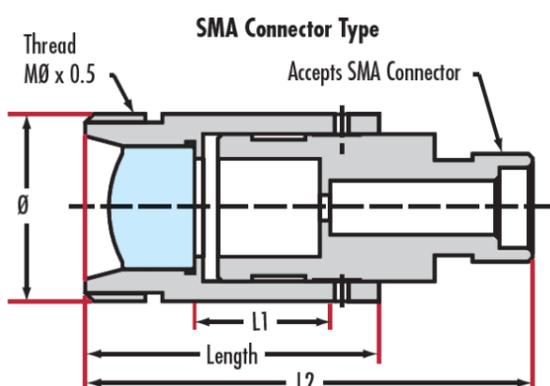
Reach 247:
[Compliant](#)

Product Details

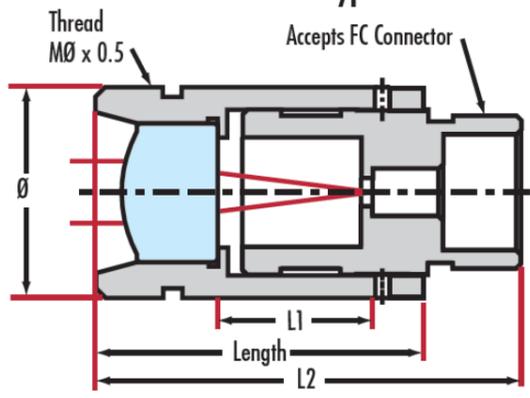
- Easy to Integrate
- Models for FC/PC, FC/APC, and SMA Connections Available
- Four Wavelength Ranges Covering 350-1600nm

LightPath® Fiber Optic Collimators are designed to collimate light exiting a fiber to a desired beam diameter or spot size or to focus light into a fiber when used in reverse. The lenses are diffraction limited, so they can achieve spot sizes down to a few microns. Lenses also feature an antireflection coating for low back reflection. LightPath® Fiber Optic Collimators are designed so that they can be used in pairs to couple the input and output light of optical devices. Optimum performance for long-term use is ensured by the factory set and tested lens alignment. Typical applications can include use with fiber coupled lasers and pigtailed receptacles, as well as communications and data transfer.

Technical Information



FC Connector Type



FC/APC Connectors

