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

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Fiber Optic Collimator and Focuser Assemblies



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

- 1 + MRP ₹35,211

● Price inclusive of all taxes

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Volume Pricing	
Qty 1-5	₹35,211 each
Qty 6+	₹25,828 each
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## Product Downloads

### General

354240 **Lightpath Lens Code:**

Fiber Collimator **Type:**

### Physical & Mechanical Properties

8.00	<b>Clear Aperture CA (mm):</b>
Protective as needed	<b>Bevel:</b>
304L Stainless Steel Housing	<b>Construction:</b>
12.00	<b>Housing Diameter (mm):</b>
17.91	<b>Housing Length (mm):</b>

## Optical Properties

8.00 @ 780nm	<b>Effective Focal Length EFL (mm):</b>
0.50	<b>Numerical Aperture NA:</b>
<a href="#">D-ZK3</a>	<b>Substrate:</b> □
BBAR (350-700nm)	<b>Coating:</b>
R <sub>avg</sub> < 0.5% @ 350 - 700nm	<b>Coating Specification:</b>
40-20	<b>Surface Quality:</b>
1.00	<b>f#:</b>
61.16	<b>Abbe Number (v<sub>d</sub>):</b>
1.586	<b>Index of Refraction (n<sub>d</sub>):</b>
350 - 700	<b>Wavelength Range (nm):</b>
Infinite	<b>Conjugate Distance:</b>
780	<b>Focal Length Specification Wavelength (nm):</b>
543	<b>Alignment Wavelength (nm):</b>

## Hardware & Interface Connectivity

FC/APC	<b>Connector:</b>
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## Threading & Mounting

M12 x 0.5	<b>Mount:</b>
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## Material Properties

7.6	<b>Coefficient of Thermal Expansion CTE (10<sup>-6</sup>/°C):</b>
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## Regulatory Compliance

<a href="#">Compliant</a>	<b>RoHS 2015:</b>
<a href="#">View</a>	<b>Certificate of Conformance:</b>
<a href="#">Compliant</a>	<b>Reach 247:</b>
China	<b>Country of Origin:</b>
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	<b>Imported By:</b>

## 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

## Technical Information

