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LightPath 355230 | 633nm Alignment, 0.55 NA Fiber Collimator w/ FC/APC Connector

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Fiber Optic Collimator and Focuser Assemblies



Stock #13-552 **7 In Stock**

⊖ 1 ⊕ MRP ₹35,211

● Price inclusive of all taxes

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Qty 1-5	₹35,211 each
Qty 6+	₹25,828 each
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General

355230 **Lightpath Lens Code:**

Fiber Collimator **Type:**

Lens Included:

Physical & Mechanical Properties

5.07 **Clear Aperture CA (mm):**
Bevel:
Protective as needed

Construction:
304L Stainless Steel Housing

11.00 **Housing Diameter (mm):**

9.6 **Housing Length (mm):**

Optical Properties

4.51 @ 780nm **Effective Focal Length EFL (mm):**

0.55 **Numerical Aperture NA:**

Substrate:
[D-ZLaF52LA](#)

Coating:
BBAR (600-1050nm)

Coating Specification:
R_{abs} <1.0% @ 600 - 1050nm

40-20 **Surface Quality:**

0.91 **f#:**

40.99 **Abbe Number (v_d):**

1.806 **Index of Refraction (n_d):**

600 - 1050 **Wavelength Range (nm):**

Infinite **Conjugate Distance:**

780.00 **Focal Length Specification Wavelength (nm):**

633 **Alignment Wavelength (nm):**

< 0.087 **Transmitted Wavefront Error (λ, RMS):**

Hardware & Interface Connectivity

FC/APC **Connector:**

Threading & Mounting

M11 x 0.5 **Mount:**

Material Properties

6.9 **Coefficient of Thermal Expansion CTE (10⁻⁶/°C):**

Regulatory Compliance

[Compliant](#) **RoHS 2015:**

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

[Compliant](#) **Reach 247:**

China **Country of Origin:**

Imported By:
Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
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- 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

