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LightPath 354260 | 543nm Alignment, 0.16 NA Fiber Collimator w/ FC/PC Connector

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543nm Alignment, 0.16 NA Fiber Collimator w/ FC Connector, #47-224

Stock **#47-224** **9 In Stock**

⊖ 1 ⊕ £185⁰⁰

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Volume Pricing	
Qty 1-10	£185.60 each
Qty 11-25	£164.00 each
Qty 26-49	£154.40 each
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

354260 **Lightpath Lens Code:**

Fiber Collimator **Type:**

[#37-098](#) **Lens Included:**

Physical & Mechanical Properties

5.00 Clear Aperture CA (mm):

Protective as needed Bevel:

304L Stainless Steel Housing Construction:

11.00 Housing Diameter (mm):

20.2 Housing Length (mm):

Optical Properties

15.29 @ 780nm Effective Focal Length EFL (mm):

0.16 Numerical Aperture NA:

[D-ZK3](#) Substrate: □

BBAR (350-700nm) Coating:

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

40-20 Surface Quality:

3.13 f#:

350 - 700 Wavelength Range (nm):

Infinite Conjugate Distance:

543 Alignment Wavelength (nm):

< 0.090 Transmitted Wavefront Error (λ , RMS):

Hardware & Interface Connectivity

FC/PC Connector:

Threading & Mounting

M11 x 0.5 Mount:

Regulatory Compliance

[Compliant](#) RoHS 2015:

[View](#) Certificate of Conformance:

[Compliant](#) Reach 247:

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

