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LightPath 354240 | 1550nm Alignment, 0.50 NA Fiber Collimator w/ SMA Connector

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Fiber Optic Collimator and Focuser Assemblies



Stock **#83-732** CLEARANCE **5 In Stock**

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1

+

£138^{.40}

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Volume Pricing	
Qty 1+	£138.40 each
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Product Downloads	
General	
354240	Lightpath Lens Code:
Fiber Collimator	Type:
#37-104	Lens Included:

Physical & Mechanical Properties

8.00	Clear Aperture CA (mm):
Protective as needed	Bevel:
304L Stainless Steel Housing	Construction:
12.00	Housing Diameter (mm):
12.7	Housing Length (mm):

Optical Properties

8.00 @ 1150nm	Effective Focal Length EFL (mm):
0.50	Numerical Aperture NA:
ECO-550	Substrate: □
BBAR (1050-1600nm)	Coating:
R _{abs} <1.0% @ 1050 - 1600nm	Coating Specification:
40-20	Surface Quality:
1.00	f/#:
1050 - 1600	Wavelength Range (nm):
Infinite	Conjugate Distance:
1550	Alignment Wavelength (nm):
< 0.080	Transmitted Wavefront Error (λ, RMS):

Hardware & Interface Connectivity

SMA	Connector:
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Threading & Mounting

M12 x0.5	Mount:
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Regulatory Compliance

Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 233:

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

