

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

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Fiber Optic Collimator and Focuser Assemblies



Stock **#64-777**

10 TO 12 DAYS

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1

+

₹19,170

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Qty 1-10
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SPECIFICATIONS

General

354240	Lightpath Lens Code:
Fiber Collimator	Type:
	Lens Included:
#37-102	
Physical & Mechanical Properties	
8.00	Clear Aperture CA (mm):
Protective bevel as needed	Bevel:
304L Stainless Steel Housing	Construction:
12.00	Housing Diameter (mm):
12.7	Housing Length (mm):
Optical Properties	
8.00 @ 780nm	Effective Focal Length EFL (mm):
0.50	Numerical Aperture NA:
ECO-550	Substrate: ☐
BBAR (350-700nm)	Coating:
R _{avg} ≤0.5% @ 350 - 700nm	Coating Specification:
40-20	Surface Quality:
1.00	f/#:
350 - 700	Wavelength Range (nm):
Infinite	Conjugate Distance:
543	Alignment Wavelength (nm):
< 0.080	Transmitted Wavefront Error (λ, RMS):
Hardware & Interface Connectivity	
FC/PC	Connector:
Threading & Mounting	
M12 x0.5	Mount:
Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 240:

PRODUCT DETAILS

- Easy to Integrate
- Models for FC/PC, FC/APC, and SMAConnections 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

