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LightPath 357775 | 405nm Alignment, 0.60 NA Fiber Collimator w/ FC/PC Connector

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Fiber Optic Collimator and Focuser Assemblies



Stock **#88-067** 20+ In Stock

-

1

+

£185^{.60}

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Volume Pricing	
Qty 1-10	£185.60 each
Qty 11-24	£164.80 each
Qty 25-49	£155.20 each
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Product Downloads

General

357775

Lightpath Lens Code:

Fiber Collimator

Type:

Lens Included:	
#83-990	
Physical & Mechanical Properties	
Clear Aperture CA (mm):	
4.8	
Bevel:	
Protective as needed	
Construction:	
304L Stainless Steel Housing	
Housing Diameter (mm):	
11.00	
Housing Length (mm):	
13.92	
Optical Properties	
Effective Focal Length EFL (mm):	
4.02 @ 408nm	
Numerical Aperture NA:	
0.60	
Substrate: □	
D-Lak6	
Coating:	
BBAR (350-500nm)	
Coating Specification:	
R _{abs} <1.0% @ 350 - 500nm	
Surface Quality:	
40-20	
f/#:	
0.83	
Wavelength Range (nm):	
350 - 500	
Conjugate Distance:	
Infinite	
Alignment Wavelength (nm):	
405	
Transmitted Wavefront Error (λ, RMS):	
< 0.15	
Hardware & Interface Connectivity	
Connector:	
FC/PC	
Threading & Mounting	
Mount:	
M11 x0.5	
Regulatory Compliance	
RoHS 2015:	
Compliant	
Certificate of Conformance:	
View	
Reach 247:	
Compliant	

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

