

LightPath 354220 | 1310nm Alignment, 0.25 NA Fiber Collimator w/ FC/PC Connector

See More by [Lightpath®](#)



Fiber Optic Collimator and Focuser Assemblies



Stock **#47-220** 20+ In Stock

-

1

+

S\$324⁸⁰

ADD TO CART

Volume Pricing	
Qty 1-10	S\$324.80 each
Qty 11-25	S\$287.00 each
Qty 26-49	S\$270.20 each
Need More?	Request Quote

Product Downloads

SPECIFICATIONS

General

354220	Lightpath Lens Code:
Fiber Collimator	Type:
#87-119	Lens Included:
Physical & Mechanical Properties	
5.50	Clear Aperture CA (mm):
Protective as needed	Bevel:
304L Stainless Steel Housing	Construction:
11.00	Housing Diameter (mm):
17.1	Housing Length (mm):
Optical Properties	
11.00 @ 633nm	Effective Focal Length EFL (mm):
0.25	Numerical Aperture NA:
D-ZK3	Substrate: □
BBAR (1050-1600nm)	Coating:
R _{abs} <1.0% @ 1050 - 1600nm	Coating Specification:
40-20	Surface Quality:
2.00	f/#:
1050 - 1600	Wavelength Range (nm):
Infinite	Conjugate Distance:
1310	Alignment Wavelength (nm):
< 0.040	Transmitted Wavefront Error (λ, RMS):
Hardware & Interface Connectivity	
FC/PC	Connector:
Threading & Mounting	
M11 x0.5	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

