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Collimator Lens Diameter 12.5 mm, Molded glass NA 0.63 w/ SMA Connector

Collimator, Molded glass NA 0.63 w/ SMA Connector

Stock **#70-920** **5 In Stock**

- 1 +

MRP ₹26,231

Price inclusive of all taxes

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Qty 1-9	**₹26,231** each
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Product Downloads

General

Type:

Fiber Collimator

Physical & Mechanical Properties

Construction:

1.1

Optical Properties

Coating:

Liba2000+

Numerical Aperture NA:

0.62

Wavelength Range (nm):

350 - 2000

Hardware & Interface Connectivity

Connector:

SMA

Regulatory Compliance

Certificate of Conformance:

View

Country of Origin:

United States

Imported By:

Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
Phone: +91- 80-6845 0000

Product Details

- Wavelengths from 275 - 940nm, with Broadband and Narrowband LED Options
- High Output Powers up to 250mW
- Integrated Driver and Controller for Ease of Use

Digital Fiber Coupled LEDs provide high radiant power with a spectrally stable output in a compact, easy to use form factor. Featuring an integrated driver and controller, a range of LED parameters can be controlled including output power, delays, triggers, pulse duration, as well as pulse width modulation (PWM) frequency and duty cycle utilizing the intuitive software interface. Designed with passive thermal management, these LEDs offer a long operating lifetime without the need for noisy fans that consume additional energy, and without the need for lamp replacement. Digital Fiber Coupled LEDs are ideal for use in life science and medical applications such as spectroscopy, optogenetics, fluorescence excitation, photodynamic therapy (PDT), and UV-based chemical and biological analysis. A user-friendly GUI is available for download that allows for computer control and integration into a range of programming languages including LabVIEW, MATLAB, and Python through serial communication.

Note: For maximum power output, it is recommended to use fiber patch cords with larger core diameters and high numerical apertures (NA) to optimize input coupling.

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