

12mm, 0.91mm Focal Length, Fast Axis Collimator



Fast Axis Collimators

Stock **#87-352** **6 In Stock**

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1

+

₹15,414

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Qty 1-10	₹15,414 each
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General

Beam Shaping Lens

Type:

Physical & Mechanical Properties

11.0 x 1.4

Clear Aperture CA (mm):

1.50

Height (mm):

Height Tolerance (mm):

±0.05	
12.00	Length (mm):
±0.05	Length Tolerance (mm):
1.50	Width (mm):
±0.01	Width Tolerance (mm):

Optical Properties

0.91	Effective Focal Length EFL (mm):
S-TiH53	Substrate: ☐
0.63	f/#:
0.80	Numerical Aperture NA:
BBAR (790-990nm)	Coating:
790 - 990	Wavelength Range (nm):
0.09	Back Focal Length BFL (mm):
R _{avg} <1.0% @ 790 - 990nm	Coating Specification:
λ/4	Surface Accuracy:
>99	Transmission (%):

Electrical

within ±0.7: >85	Power Distribution (%):
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Regulatory Compliance

Compliant	RoHS 2015:
Compliant	Reach 197:
View	Certificate of Conformance:
Germany	Country of Origin:
Edmund Optics India Private Limited	Imported By:

Product Details

- Aspheric Cylindrical Lens Designs for Fast Axis Collimation
- Standard AR Coating for 790 – 990nm
- Ideal for Laser Diode Collimation
- [Slow Axis Collimators](#) Also Available

Fast Axis Collimators are compact, high performance aspheric cylindrical lenses designed for beam shaping or laser diode collimation applications. The aspheric cylindrical designs and high numerical apertures allow for uniform collimation of the entire output of a laser diode while maintaining high beam quality. Fast Axis Collimators feature greater than 99% transmission across the designated spectral range, and are available in a variety of focal lengths.

LASER OPTICS

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