

12mm, 0.29mm Focal Length, Fast Axis Collimator



Fast Axis Collimators

Stock **#87-349** **9 In Stock**

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1

+

C\$294⁰⁰

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Volume Pricing	
Qty 1-10	C\$294.00 each
Qty 11-49	C\$264.60 each
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General

Beam Shaping Lens

Type:

Physical & Mechanical Properties

11.0 x0.49

Clear Aperture CA (mm):

1.50

Height (mm):

Height Tolerance (mm):

±0.05	
	Length (mm):
12.00	
	Length Tolerance (mm):
±0.05	
	Width (mm):
0.36	
	Width Tolerance (mm):
±0.01	

Optical Properties	
	Effective Focal Length EFL (mm):
0.29	
	Substrate: □
S-TiH53	
	f/#:
0.63	
	Numerical Aperture NA:
0.80	
	Coating:
BBAR (790-990nm)	
	Wavelength Range (nm):
790 - 990	
	Back Focal Length BFL (mm):
0.09	
	Coating Specification:
R _{avg} <1.0% @ 790 - 990nm	
	Surface Accuracy:
λ/4	
	Transmission (%):
>99	

Electrical	
	Power Distribution (%):
within ±2.3: >85	

Regulatory Compliance	
	RoHS 2015:
Compliant	
	Reach 197:
Compliant	
	Certificate of Conformance:
View	

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.

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