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## 12mm, 1.50mm Focal Length, Fast Axis Collimator



Fast Axis Collimators

Stock #87-353 **14 In Stock**

MRP ₹21,187

**Price inclusive of all taxes**

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Volume Pricing	
Qty 1-10	₹21,187 each
Qty 11-49	₹19,069 each
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### Product Downloads

#### General

Beam Shaping Lens **Type:**

#### Physical & Mechanical Properties

11.0 x 1.55 **Clear Aperture CA (mm):**

1.65 **Height (mm):**

±0.05 **Height Tolerance (mm):**

12.00 **Length (mm):**

±0.05 **Length Tolerance (mm):**

1.82 **Width (mm):**

±0.01 **Width Tolerance (mm):**

## Optical Properties

1.50 **Effective Focal Length EFL (mm):**

**Substrate:**   
[S-TiH53](#)

0.7 **f#:**

0.50 **Numerical Aperture NA:**

BBAR (790-990nm) **Coating:**

790 - 990 **Wavelength Range (nm):**

0.45 **Back Focal Length BFL (mm):**

$R_{avg} < 1.0\%$  @ 790 - 990nm **Coating Specification:**

$\lambda/4$  **Surface Accuracy:**

>99 **Transmission (%):**

## Electrical

within ±0.8: >85 **Power Distribution (%):**

## Regulatory Compliance

[Compliant](#) **RoHS 2015:**

[Compliant](#) **Reach 197:**

[View](#) **Certificate of Conformance:**

Germany **Country of Origin:**

**Imported By:**  
Edmund Optics India Private Limited  
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6th Cross Rd, Binnamangala,  
Stage 1, Indiranagar, Bengaluru,  
Karnataka, India 560038  
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## 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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