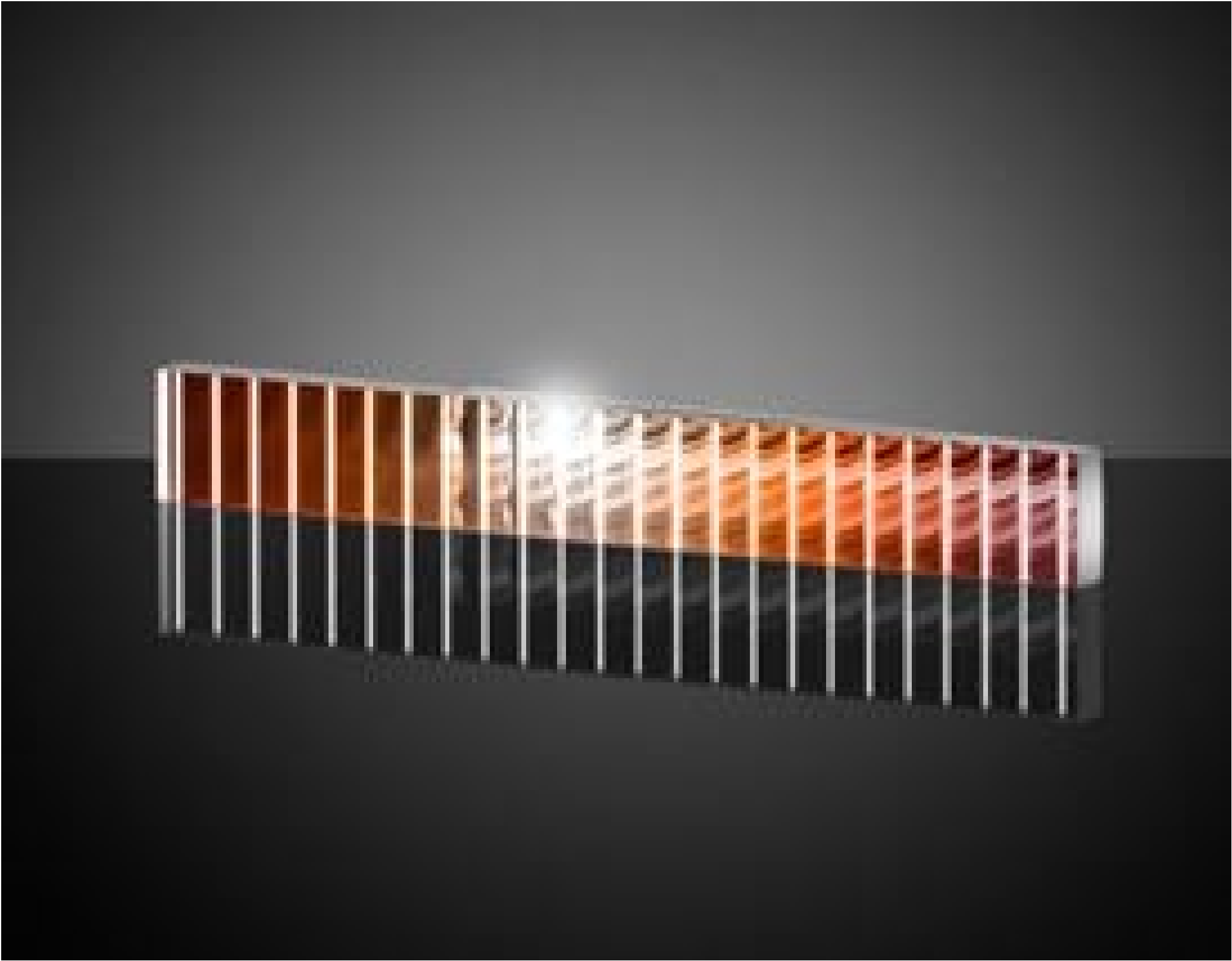


[See all 3 Products in Family](#)

100µm Emitter, 500µm Pitch Slow Axis Collimator



Slow Axis Collimators

Stock **#88-404** 6 In Stock

-

1

+

A\$323²⁰

ADD TO CART

Volume Pricing	
Qty 1-10	A\$323.20 each
Qty 11-49	A\$291.20 each
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Product Downloads

General

Beam Shaper

Type:

Physical & Mechanical Properties

11.0 x 1.4

Clear Aperture CA (mm):

100.00

Emitter Size (µm):

Height (mm):

1.50	
	Height Tolerance (mm):
0.05	
	Length (mm):
12.00	
	Length Tolerance (mm):
±0.05	
	Width (mm):
0.55	
	Width Tolerance (mm):
0.01	

Optical Properties	
	Effective Focal Length EFL (mm):
2.88	
S-TIH53	Substrate: ☐
	f#:
7.69	
	Numerical Aperture NA:
0.07	
	Coating:
BBAR (790-990nm)	
	Wavelength Range (nm):
790 - 990	
	Back Focal Length BFL (mm):
2.58	
	Coating Specification:
R _{avg} <1.0% @ 790 - 990nm	
	Pitch (µm):
500.00	
	Surface Accuracy:
λ/4	
	Transmission (%):
>99	
	Divergence 1/e ² (mrad):
40.00	

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

Product Details

- Designed for Use with Laser Bars
- Can be Used With [Fast Axis Collimators](#)
- Low Curvature Deviation for Increased Collimation
- [Fast Axis Collimators](#) Also Available

Slow Axis Collimators consist of a monolithic array of cylindrical lenses designed to collimate the individual emitters of a laser bar. Slow Axis Collimators feature greater than 99% transmission across the designated spectral range to guarantee high performance with minimal loss of light. To meet an application's unique collimation needs, Slow Axis Collimators can also be used with Fast Axis Collimators for custom collimation combinations.

LASER OPTICS

MADE BY EDMUND OPTICS®



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Technical Information

