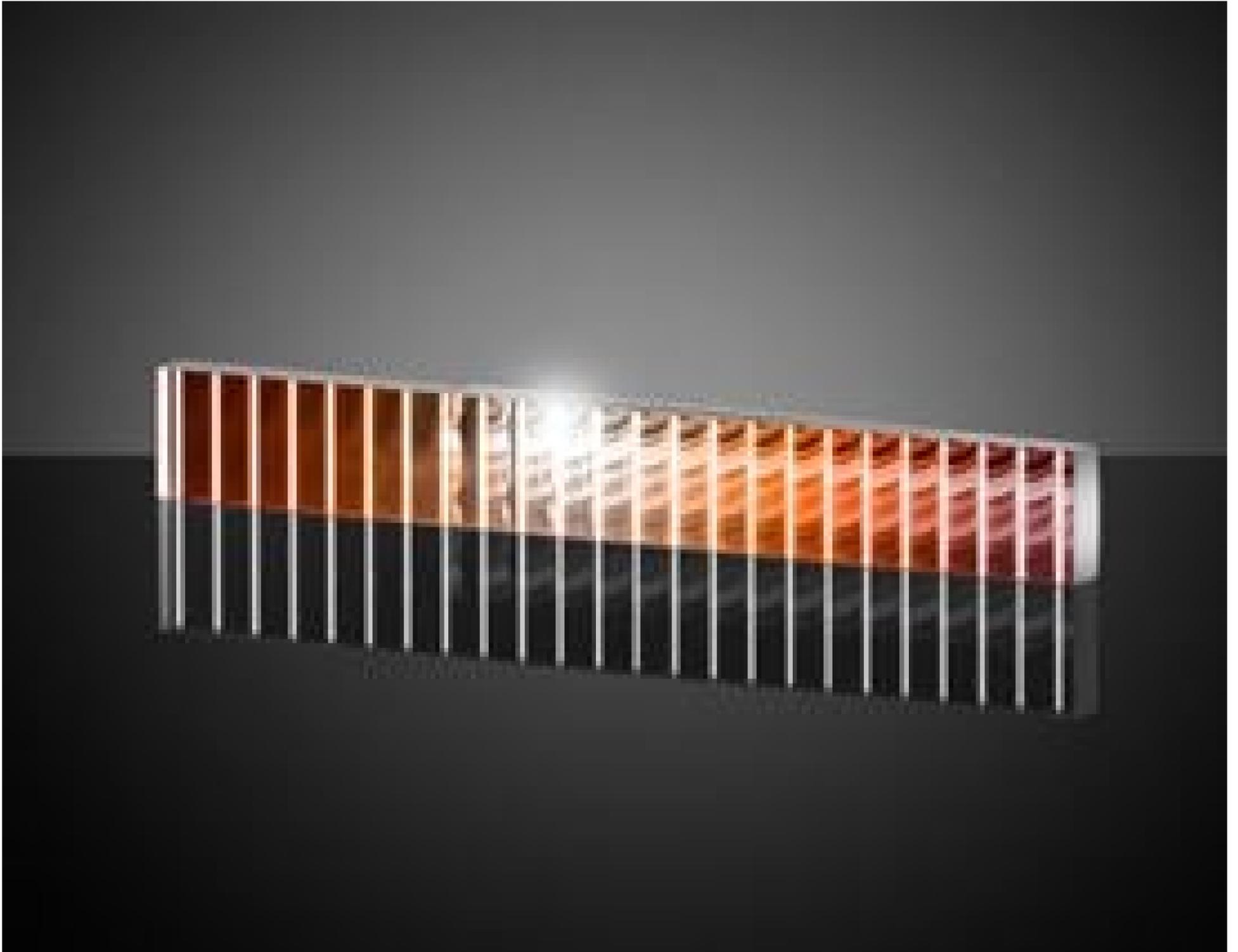


[See all 3 Products in Family](#)

50µm Emitter, 500µm Pitch Slow Axis Collimator



Slow Axis Collimators

Stock **#88-403** **2 In Stock**

⊖ 1 ⊕ **S\$282⁰⁰**

ADD TO CART

Volume Pricing	
Qty 1-10	S\$282.80 each
Qty 11-49	S\$254.80 each
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Product Downloads

General

Beam Shaper **Type:**

Physical & Mechanical Properties

11.0 x 1.4 **Clear Aperture CA (mm):**

50.00 **Emitter Size (µm):**

Height (mm):

1.50

Height Tolerance (mm):

0.05

Length (mm):

12.00

Length Tolerance (mm):

±0.05

Width (mm):

1.00

Width Tolerance (mm):

0.05

Optical Properties

Effective Focal Length EFL (mm):

4.25

Substrate:

[S-TIH53](#)

f#:

10.00

Numerical Aperture NA:

0.05

Coating:

BBAR (790-990nm)

Wavelength Range (nm):

790 - 990

Back Focal Length BFL (mm):

3.70

Coating Specification:

R_{avg} <1.0% @ 790 - 990nm

Pitch (µm):

500.00

Surface Accuracy:

λ/4

Transmission (%):

>99

Divergence 1/e² (mrad):

15.00

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.



Technical Information

