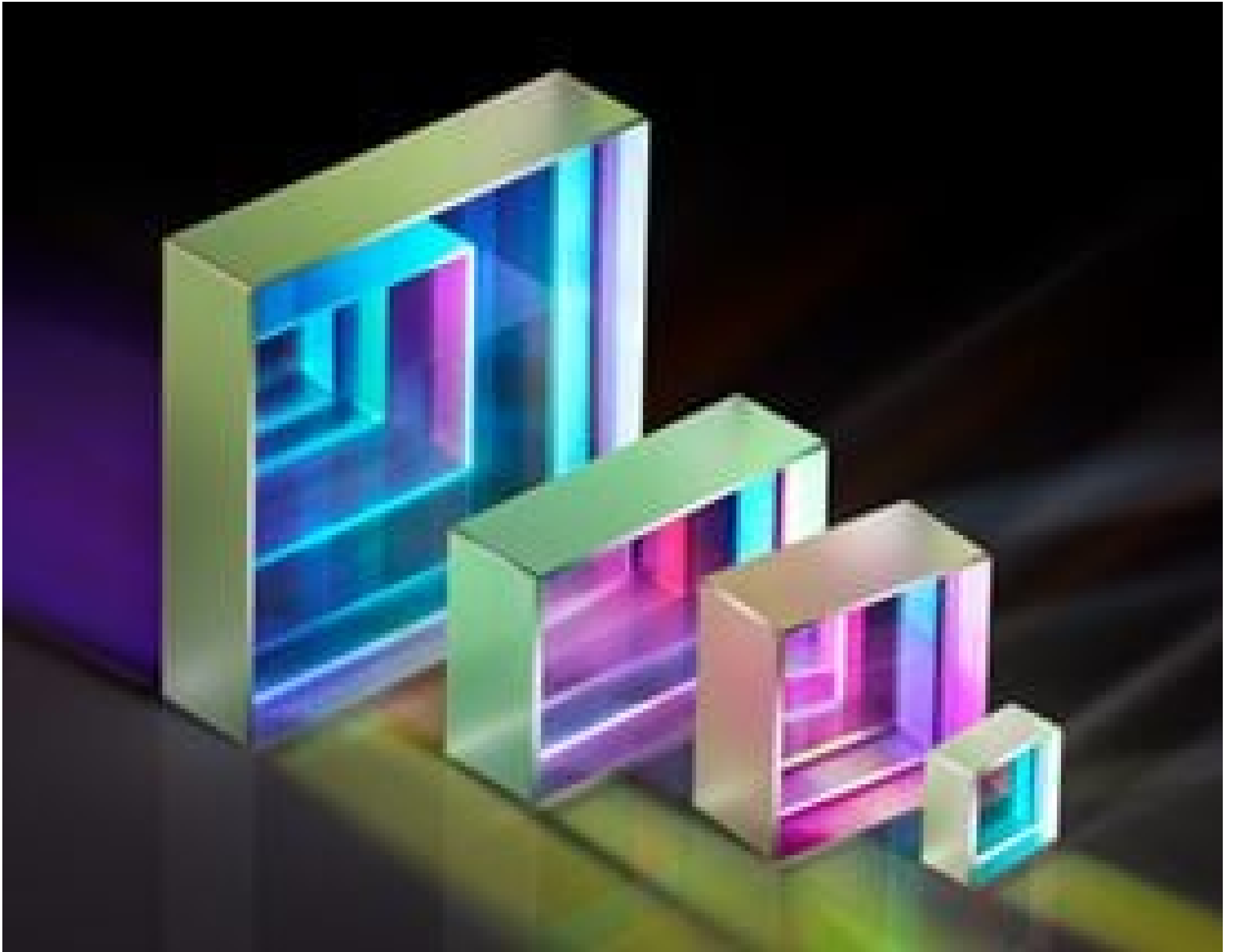


TECHSPEC® 19.1 x 12.7mm 1064nm 0-45°, Nd:YAG Laser Line Mirror



TECHSPEC® Nd:YAG Laser Line Mirrors

Stock **#39-660** **5 In Stock**

⊖ 1 ⊕ A\$278⁰⁰

ADD TO CART

Volume Pricing	
Qty 1-5	A\$278.40 each
Qty 6-25	A\$244.80 each
Need More?	Request Quote

Product Downloads

SPECIFICATIONS

General

Laser Mirror **Type:**

Physical & Mechanical Properties

Parallelism (arcmin):

<3

Clear Aperture (%):

85

Back Surface:

Commercial Polish

Dimensions (mm):

19.1 x 12.7 +0.00/-0.10

Thickness (mm):

6.35 ±0.20

Optical Properties

Surface Quality:

10-5

Reflection at DWL (%):

99.8

Coating Specification:

R_{abs} >99.8% @ 1064nm

Surface Flatness (P-V):

λ/10

Coating Type:

Dielectric

Coating:

Laser Mirror (1064nm)

Design Wavelength DWL (nm):

1064

Angle of Incidence (°):

0-45

Substrate:

[Fused Silica](#) (Corning 7980)

Damage Threshold, Reference:

15 J/cm² @ 1064nm, 20ns, 20Hz

Regulatory Compliance

RoHS 2015:

[Compliant](#)

Reach 209:

[Compliant](#)

Certificate of Conformance:

[View](#)

PRODUCT DETAILS

- Up to 99.9% Reflectivity at Nd:YAG Harmonic Frequencies
- High Laser Induced Damage Threshold Specifications
- 10-5 Surface Quality for Reduced Scatter in Sensitive Laser Applications
- [TECHSPEC® Laser Mirror Substrates](#) and [TECHSPEC® Yb:YAG Laser Line Mirrors](#) Also Available

TECHSPEC® Nd:YAG Laser Line Mirrors combine high reflectivity, excellent surface quality, and precision surface flatness to meet the requirements of demanding Nd:YAG laser applications. Each coating design has been tested to ensure a high laser damage threshold for compatibility with pulsed laser systems. These fused silica substrate laser mirrors have excellent thermal stability and are available in round, square, and rectangular profiles. TECHSPEC® Nd:YAG Laser Line Mirrors are ideal for laboratories and integration into larger laser systems. 266nm, 355nm, 532nm, 1064nm, and multi-line Nd:YAG mirror coatings are available.

Note: Contact us for customizable wavelengths, sizes, and varying AOI versions.

COMPATIBLE MOUNTS