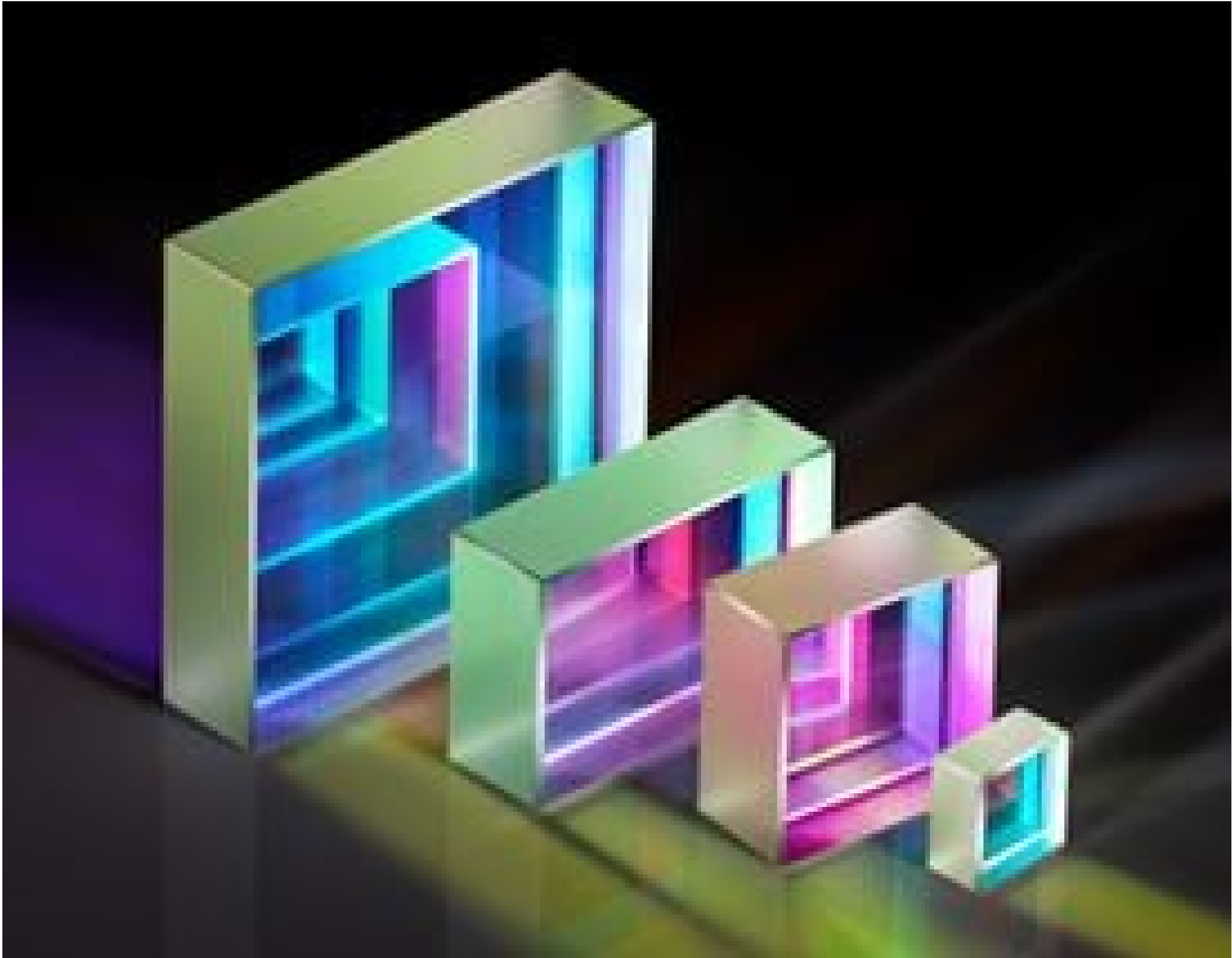


TECHSPEC® 9.53 x 6.35mm 355nm 0-45°, Nd:YAG Laser Line Mirror



TECHSPEC® Nd:YAG Laser Line Mirrors

Stock #39-621

CLEARANCE

10 In Stock

-

1

+

S\$148<sup>40</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1+         | S\$148.40 each                |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

| General                          |                       |
|----------------------------------|-----------------------|
| Laser Mirror                     | Type:                 |
| Physical & Mechanical Properties |                       |
| <3                               | Parallelism (arcmin): |
| 85                               | Clear Aperture (%):   |
| Commercial Polish                | Back Surface:         |

|                                             |                                |
|---------------------------------------------|--------------------------------|
| 9.53 x6.35 +0.00/-0.10                      | Dimensions (mm):               |
| 3.18 ±0.20                                  | Thickness (mm):                |
| Optical Properties                          |                                |
| 10-5                                        | Surface Quality:               |
| 99.8                                        | Reflection at DWL (%):         |
| R <sub>abs</sub> >99.8% @ 355nm             | Coating Specification:         |
| λ/10                                        | Surface Flatness (P-V):        |
| Dielectric                                  | Coating Type:                  |
| Laser Mirror (355nm)                        | Coating:                       |
| 355                                         | Design Wavelength DWL (nm):    |
| 0-45                                        | Angle of Incidence (°):        |
| <a href="#">Fused Silica</a> (Corning 7980) | Substrate: □                   |
| 5 J/cm² @ 355nm, 20ns, 20Hz                 | Damage Threshold, Reference: □ |

|                           |                             |
|---------------------------|-----------------------------|
| Regulatory Compliance     |                             |
| <a href="#">Compliant</a> | RoHS 2015:                  |
| <a href="#">Compliant</a> | Reach 209:                  |
| <a href="#">View</a>      | Certificate of Conformance: |

## 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