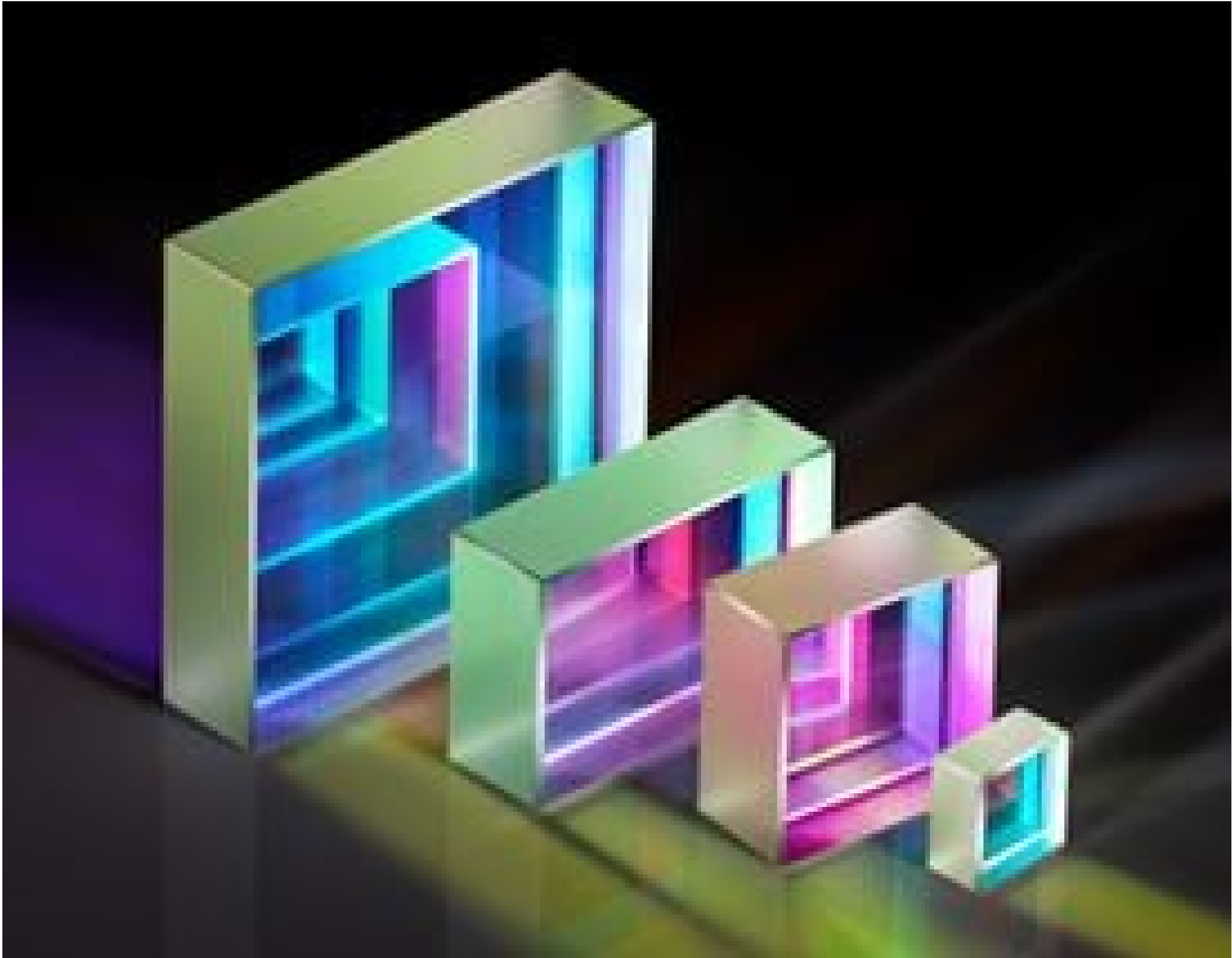


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TECHSPEC<sup>®</sup> 25.4 x 25.4mm 266nm 0-45°, Nd:YAG Laser Line Mirror



TECHSPEC<sup>®</sup> Nd:YAG Laser Line Mirrors

Stock **#39-591** **3 In Stock**

-

1

+

€179<sup>00</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | €179,00 each                  |
| Qty 6-25       | €158,00 each                  |
| Need More?     | <a href="#">Request Quote</a> |

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Laser Mirror

Type:

Physical & Mechanical Properties

<3Parallelism (arcmin):

85Clear Aperture (%):

|                                         |                                |
|-----------------------------------------|--------------------------------|
| Commercial Polish                       | Back Surface:                  |
| 25.4 x 25.4 +0.00/-0.10                 | Dimensions (mm):               |
| 6.35 ±0.20                              | Thickness (mm):                |
| Optical Properties                      |                                |
| 10-5                                    | Surface Quality:               |
| 99.8                                    | Reflection at DWL (%):         |
| R <sub>abs</sub> >99.8% @ 266nm         | Coating Specification:         |
| λ/10                                    | Surface Flatness (P-V):        |
| Dielectric                              | Coating Type:                  |
| Laser Mirror (266nm)                    | Coating:                       |
| 266                                     | Design Wavelength DWL (nm):    |
| 0-45                                    | Angle of Incidence (°):        |
| Fused Silica (Corning 7980)             | Substrate: □                   |
| 2 J/cm <sup>2</sup> @ 266nm, 20ns, 20Hz | Damage Threshold, Reference: □ |

|                       |                             |
|-----------------------|-----------------------------|
| Regulatory Compliance |                             |
| Compliant             | RoHS 2015:                  |
| Compliant             | Reach 209:                  |
| View                  | 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