

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



TECHSPEC® Nd:YAG Laser Line Mirrors

Stock #39-659 **20+ In Stock**

⊖ 1 ⊕ €156<sup>00</sup>

**ADD TO CART**

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | €156,00 each                  |
| Qty 6-25       | €137,00 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**

<3 Parallelism (arcmin):

85 Clear Aperture (%):

|   |  |
|---|--|
| Commercial Polish                           | <b>Back Surface:</b>   |
| 12.7 x 12.7 +0.00/-0.10                     | <b>Dimensions (mm):</b>                                      |
| 6.35 ±0.20                                  | <b>Thickness (mm):</b>                                       |
| <b>Optical Properties</b>                   |  |
| 10-5  | <b>Surface Quality:</b>                                      |
| 99.8  | <b>Reflection at DWL (%):</b>                                |
| R <sub>abs</sub> >99.8% @ 1064nm            | <b>Coating Specification:</b>                                |
| λ/10  | <b>Surface Flatness (P-V):</b>                               |
| Dielectric                                  | <b>Coating Type:</b>   |
| Laser Mirror (1064nm)                       | <b>Coating:</b>  |
| 1064  | <b>Design Wavelength DWL (nm):</b>                           |
| 0-45  | <b>Angle of Incidence (°):</b>                               |
| <a href="#">Fused Silica</a> (Corning 7980) | <b>Substrate:</b> <input type="checkbox"/>                   |
| 15 J/cm <sup>2</sup> @ 1064nm, 20ns, 20Hz   | <b>Damage Threshold, Reference:</b> <input type="checkbox"/> |

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

## 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