

**TECHSPEC® 12.5mm Dia. 355nm 0-45°, Nd:YAG Laser Line Mirror**



TECHSPEC® Nd:YAG Laser Line Mirrors

Stock #88-526 **20+ In Stock**

⊖ 1 ⊕ €150.<sup>00</sup>

**ADD TO CART**

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | €150,00 each                  |
| Qty 6-25       | €133,00 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):**

>90 **Clear Aperture (%):**

|                                             |                                                              |
|---------------------------------------------|--------------------------------------------------------------|
| Ground                                      | <b>Back Surface:</b>                                         |
| 12.50 +0.00/-0.20                           | <b>Diameter (mm):</b>                                        |
| 6.00 ±0.20                                  | <b>Thickness (mm):</b>                                       |
| <b>Optical Properties</b>                   |                                                              |
| 10-5                                        | <b>Surface Quality:</b>                                      |
| 99.9                                        | <b>Reflection at DWL (%):</b>                                |
| $R_{\text{abs}} >99.8\%$ @ 355nm            | <b>Coating Specification:</b>                                |
| $\lambda/10$                                | <b>Surface Flatness (P-V):</b>                               |
| Dielectric                                  | <b>Coating Type:</b>                                         |
| Laser Mirror (355nm)                        | <b>Coating:</b>                                              |
| 355                                         | <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"/>                   |
| 5.0 J/cm <sup>2</sup> @ 355nm, 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