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**TECHSPEC® 6.35mm Dia. 532nm 0-45°, Nd:YAG Laser Line Mirror**



TECHSPEC® Nd:YAG Laser Line Mirrors

Stock **#38-890** **9 In Stock**

⊖ 1 ⊕ €138<sup>00</sup>

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| Volume Pricing |                               |
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| Qty 1-5        | €138,00 each                  |
| Qty 6-25       | €120,00 each                  |
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ⓘ 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>   |
| 6.35 +0.00/-0.10                           | <b>Diameter (mm):</b>  |
| 4.00 ±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% @ 532nm            | <b>Coating Specification:</b>                                |
| 523 - 537                                  | <b>Wavelength Range (nm):</b>                                |
| M10  | <b>Surface Flatness (P-V):</b>                               |
| Dielectric                                 | <b>Coating Type:</b>   |
| Laser Mirror (532nm)                       | <b>Coating:</b>  |
| 532  | <b>Design Wavelength DWL (nm):</b>                           |
| 0-45                                       | <b>Angle of Incidence (°):</b>                               |
| <a href="#">Fused Silica</a> (Coming 7980) | <b>Substrate:</b> <input type="checkbox"/>                   |
| 10 J/cm <sup>2</sup> @ 532nm, 20ns, 20Hz   | <b>Damage Threshold, Reference:</b> <input type="checkbox"/> |

|                              |                                    |
|------------------------------|------------------------------------|
| <b>Regulatory Compliance</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

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