

**TECHSPEC® 50.8mm Dia. 266nm 45°, Nd:YAG Laser Line Mirror**



TECHSPEC® Nd:YAG Laser Line Mirrors

Stock **#38-831** **1 In Stock**

MRP ₹31,579

**Price inclusive of all taxes**

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| Volume Pricing |                               |
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| Qty 1-5        | ₹31,579 each                  |
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**General**

Laser Mirror **Type:**

**Physical & Mechanical Properties**

<3 **Parallelism (arcmin):**

90 **Clear Aperture (%):**

|  |  |
|--|--|
| Commercial Polish  | <b>Back Surface:</b>   |
| 50.80 +0.00/-0.10  | <b>Diameter (mm):</b>  |
| 9.53 ±0.20   | <b>Thickness (mm):</b>                                       |
| <b>Optical Properties</b>  |  |
| 10-5   | <b>Surface Quality:</b>                                      |
| 99.5   | <b>Reflection at DWL (%):</b>                                |
| R <sub>abs</sub> >99.5% @ 266nm<br>R <sub>avg</sub> >99.5% @ 263 - 268nm | <b>Coating Specification:</b>                                |
| 263 - 268  | <b>Wavelength Range (nm):</b>                                |
| M10  | <b>Surface Flatness (P-V):</b>                               |
| Dielectric   | <b>Coating Type:</b>   |
| Laser Mirror (263-268nm)   | <b>Coating:</b>  |
| 266  | <b>Design Wavelength DWL (nm):</b>                           |
| 45   | <b>Angle of Incidence (°):</b>                               |
| <a href="#">Fused Silica</a> (Corning 7980)                              | <b>Substrate:</b> <input type="checkbox"/>                   |
| 2.5 J/cm <sup>2</sup> @ 266nm, 20ns, 20Hz                                | <b>Damage Threshold, Reference:</b> <input type="checkbox"/> |

|   |                                    |
|---|------------------------------------|
| <b>Regulatory Compliance</b>  |                                    |
| <a href="#">View</a>  | <b>Certificate of Conformance:</b> |
| United States   | <b>Country of Origin:</b>          |
| Edmund Optics India Private Limited<br>267, Greystone Building, Second Floor,<br>6th Cross Rd, Binnamangala,<br>Stage 1, Indiranagar, Bengaluru,<br>Karnataka, India 560038<br>Phone: +91- 80-6845 0000 | <b>Imported By:</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