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TECHSPEC<sup>®</sup> 6.35mm Dia. 532nm 0-45°, Nd:YAG Laser Line Mirror



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

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

-

1

+

A\$235<sup>20</sup>

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| Volume Pricing |                               |
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| Qty 1-5        | A\$235.20 each                |
| Qty 6-25       | A\$206.40 each                |
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Product Downloads

| General                          |                       |
|----------------------------------|-----------------------|
| Laser Mirror                     | Type:                 |
| Physical & Mechanical Properties |                       |
| <3                               | Parallelism (arcmin): |
| 85                               | Clear Aperture (%):   |
|                                  | Back Surface:         |

|                                          |                                                       |
|------------------------------------------|-------------------------------------------------------|
| Commercial Polish                        |                                                       |
| 6.35 +0.00/-0.10                         | Diameter (mm):                                        |
| 4.00 ±0.20                               | Thickness (mm):                                       |
| Optical Properties                       |                                                       |
| 10-5                                     | Surface Quality:                                      |
| 99.8                                     | Reflection at DWL (%):                                |
| R <sub>abs</sub> ≥99.8% @ 532nm          | Coating Specification:                                |
| 523 - 537                                | Wavelength Range (nm):                                |
| λ/10                                     | Surface Flatness (P-V):                               |
| Dielectric                               | Coating Type:                                         |
| Laser Mirror (532nm)                     | Coating:                                              |
| 532                                      | Design Wavelength DWL (nm):                           |
| 0-45                                     | Angle of Incidence (°):                               |
| Fused Silica (Corning 7980)              | Substrate: <input type="checkbox"/>                   |
| 10 J/cm <sup>2</sup> @ 532nm, 20ns, 20Hz | Damage Threshold, Reference: <input type="checkbox"/> |
| Regulatory Compliance                    |                                                       |
| 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