

TECHSPEC<sup>®</sup> 25.4 x 25.4mm 532nm 0-45°, Nd:YAG Laser Line Mirror



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

Stock **#39-649** 13 In Stock

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+

C\$267<sup>40</sup>

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | C\$267.40 each                |
| Qty 6-25       | C\$236.60 each                |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

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

|                                          |                                |
|------------------------------------------|--------------------------------|
| Commercial Polish                        |                                |
| 25.4 x 25.4 +0.00/-0.10                  | Dimensions (mm):               |
| 6.35 ±0.20                               | Thickness (mm):                |
| Optical Properties                       |                                |
| 10-5                                     | Surface Quality:               |
| 99.8                                     | Reflection at DWL (%):         |
| R <sub>abs</sub> >99.8% @ 532nm          | Coating Specification:         |
| 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: □                   |
| 10 J/cm <sup>2</sup> @ 532nm, 20ns, 20Hz | Damage Threshold, Reference: □ |
| Regulatory Compliance                    |                                |
| Compliant                                | RoHS 2015:                     |
| Compliant                                | Reach 209:                     |
| 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