

TECHSPEC<sup>®</sup> 50mm Dia. 266nm 0-45°, Nd:YAG Laser Line Mirror



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

Stock **#88-525** **5 In Stock**

-

1

+

C\$455<sup>00</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | C\$455.00 each                |
| Qty 6-25       | C\$403.20 each                |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

| General                          |                       |
|----------------------------------|-----------------------|
| Laser Mirror                     | Type:                 |
| Physical & Mechanical Properties |                       |
| <3                               | Parallelism (arcmin): |
| >90                              | Clear Aperture (%):   |
| Back Surface:                    |                       |

|                                             |                                                       |
|---------------------------------------------|-------------------------------------------------------|
| Ground                                      |                                                       |
| 50.00 +0.00/-0.20                           | Diameter (mm):                                        |
| 10.00 ±0.20                                 | Thickness (mm):                                       |
| Optical Properties                          |                                                       |
| 10-5                                        | Surface Quality:                                      |
| 99.9                                        | Reflection at DWL (%):                                |
| R <sub>abs</sub> >99.8% @ 266nm             | Coating Specification:                                |
| λ/10                                        | Surface Flatness (P-V):                               |
| Dielectric                                  | Coating Type:                                         |
| Laser Mirror (266nm)                        | Coating:                                              |
| 266                                         | Design Wavelength DWL (nm):                           |
| 0-45                                        | Angle of Incidence (°):                               |
| <a href="#">Fused Silica</a> (Corning 7980) | Substrate: <input type="checkbox"/>                   |
| 2.0 J/cm <sup>2</sup> @ 266nm, 20ns, 20Hz   | Damage Threshold, Reference: <input type="checkbox"/> |

|                           |                             |
|---------------------------|-----------------------------|
| Regulatory Compliance     |                             |
| <a href="#">Compliant</a> | RoHS 2015:                  |
| <a href="#">Compliant</a> | Reach 209:                  |
| <a href="#">View</a>      | 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