

TECHSPEC<sup>®</sup> 38.1mm Dia. 355nm 0-45°, Nd:YAG Laser Line Mirror



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

Stock **#38-868** **9 In Stock**

-

1

+

A\$345<sup>60</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | A\$345.60 each                |
| Qty 6-25       | A\$305.60 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:         |

|                                         |                                                       |
|-----------------------------------------|-------------------------------------------------------|
| Commercial Polish                       |                                                       |
| 38.10 +0.00/-0.10                       | Diameter (mm):                                        |
| 6.35 ±0.20                              | Thickness (mm):                                       |
| Optical Properties                      |                                                       |
| 10-5                                    | Surface Quality:                                      |
| 99.8                                    | Reflection at DWL (%):                                |
| R <sub>abs</sub> ≥99.8% @ 355nm         | Coating Specification:                                |
| 351 - 358                               | Wavelength Range (nm):                                |
| λ/10                                    | Surface Flatness (P-V):                               |
| Dielectric                              | Coating Type:                                         |
| Laser Mirror (355nm)                    | Coating:                                              |
| 355                                     | Design Wavelength DWL (nm):                           |
| 0-45                                    | Angle of Incidence (°):                               |
| Fused Silica (Corning 7980)             | Substrate: <input type="checkbox"/>                   |
| 5 J/cm <sup>2</sup> @ 355nm, 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