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TECHSPEC<sup>®</sup> 4mm Dia. 266nm 0-45°, Nd:YAG Laser Line Mirror



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



Stock #12-623 14 In Stock

-

1

+

₹9,031

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| Qty 1-5        | ₹9,031 each                   |
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General

Type:

Laser Mirror

Physical & Mechanical Properties

Parallelism (arcmin):

<3

Clear Aperture (%):

|                                         |                                |
|-----------------------------------------|--------------------------------|
| 90                                      |                                |
| Commercial Polish                       | Back Surface:                  |
| 4.00 +0.00/-0.10                        | Diameter (mm):                 |
| 3.00 ±0.20                              | Thickness (mm):                |
| Optical Properties                      |                                |
| 10-5                                    | Surface Quality:               |
| 99.8                                    | Reflection at DWL (%):         |
| R <sub>abs</sub> >99.8% @ 266nm         | Coating Specification:         |
| 263 - 268                               | Wavelength Range (nm):         |
| λ/10                                    | Surface Flatness (P-V):        |
| Dielectric                              | Coating Type:                  |
| Laser Mirror (266nm)                    | Coating:                       |
| 266                                     | Design Wavelength DWL (nm):    |
| 0-45                                    | Angle of Incidence (°):        |
| Fused Silica (Corning 7980)             | Substrate: □                   |
| 2 J/cm <sup>2</sup> @ 266nm, 20ns, 20Hz | Damage Threshold, Reference: □ |

|                                     |                             |
|-------------------------------------|-----------------------------|
| Regulatory Compliance               |                             |
| View                                | Certificate of Conformance: |
| United States                       | Country of Origin:          |
| Edmund Optics India Private Limited | Imported By:                |

## 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