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TECHSPEC<sup>®</sup> 4mm Dia. 355nm 0-45°, Nd:YAG Laser Line Mirror



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



Stock #12-625 15 In Stock

-

1

+

£101<sup>60</sup>

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| Volume Pricing |                               |
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| Qty 1-5        | £101.60 each                  |
| Qty 6-25       | £89.60 each                   |
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Product Downloads

General

Type:

Laser Mirror

Physical & Mechanical Properties

Parallelism (arcmin):

<3

|                                             |                                                       |
|---------------------------------------------|-------------------------------------------------------|
| 90                                          | Clear Aperture (%):                                   |
| 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% @ 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 (°):                               |
| <a href="#">Fused Silica</a> (Corning 7980) | Substrate: <input type="checkbox"/>                   |
| 5 J/cm <sup>2</sup> @ 355nm, 20ns, 20Hz     | Damage Threshold, Reference: <input type="checkbox"/> |

|                       |                             |
|-----------------------|-----------------------------|
| Regulatory Compliance |                             |
| <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