

TECHSPEC<sup>®</sup> 6.35mm Dia. 355nm 0-45°, Nd:YAG Laser Line Mirror



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

Stock **#38-863** 20+ In Stock

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1

+

£117<sup>00</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | £117.60 each                  |
| Qty 6-25       | £103.20 each                  |
| Need More?     | <a href="#">Request Quote</a> |

Prices shown are exclusive of VAT/local taxes

Product Downloads

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

|                                 |                                |
|---------------------------------|--------------------------------|
| Commercial Polish               | Back Surface:                  |
| 6.35 +0.00/-0.10                | Diameter (mm):                 |
| 4.00 ±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 (°):        |
| Fused Silica (Corning 7980)     | Substrate: □                   |
| 5 J/cm² @ 355nm, 20ns, 20Hz     | Damage Threshold, Reference: □ |
| 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