

TECHSPEC® 12.7mm Dia. 532nm 45°, Nd:YAG Laser Line Mirror



TECHSPEC® Nd:YAG Laser Line Mirrors

Stock **#34-823** **20+ In Stock**

MRP ₹14,831

Price inclusive of all taxes

ADD TO CART

| Volume Pricing | |
|----------------|-------------------------------|
| Qty 1-5 | ₹14,831 each |
| Qty 6-25 | ₹13,015 each |
| Need More? | Request Quote |

Product Downloads

General

Laser Mirror Type:

Physical & Mechanical Properties

<3 Parallelism (arcmin):

90 Clear Aperture (%):

| | |
|--|--|
| Commercial Polish | Back Surface: |
| 12.70 +0.00/-0.10 | Diameter (mm): |
| 6.35 ±0.20 | Thickness (mm): |
| Optical Properties | |
| 10-5 | Surface Quality: |
| 99.8 | Reflection at DWL (%): |
| R _{abs} >99.8% @ 532nm R _{avg} >99.5% @ 523 - 537nm | Coating Specification: |
| 523 - 537 | Wavelength Range (nm): |
| λ/10 | Surface Flatness (P-V): |
| Dielectric | Coating Type: |
| Laser Mirror (523-537nm) | Coating: |
| 532 | Design Wavelength DWL (nm): |
| 45 | Angle of Incidence (°): |
| Fused Silica (Corning 7980) | Substrate: <input type="checkbox"/> |
| 15 J/cm ² @ 532nm, 20ns, 20Hz | Damage Threshold, Reference: <input type="checkbox"/> |

| | |
|---|------------------------------------|
| Regulatory Compliance | |
| View | Certificate of Conformance: |
| United States | Country of Origin: |
| Edmund Optics India Private Limited 267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038 Phone: +91- 80-6845 0000 | 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