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TECHSPEC® 76.2mm Dia. 1064nm 0-45°, Nd:YAG Laser Line Mirror



TECHSPEC® Nd:YAG Laser Line Mirrors



Stock #20-430 **7 In Stock**

- 1 + €750.⁰⁰

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| Volume Pricing | |
|----------------|-------------------------------|
| Qty 1-5 | €750,00 each |
| Qty 6-25 | €675,00 each |
| Need More? | Request Quote |

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Laser Mirror **Type:**

Physical & Mechanical Properties

<3 **Parallelism (arcmin):**

| | |
|---|--|
| 90 | Clear Aperture (%) : |
| M10 | Back Surface : |
| 76.20 +0.00/-0.10 | Diameter (mm) : |
| 12.70 ±0.20 | Thickness (mm) : |
| Optical Properties | |
| 10-5 | Surface Quality : |
| 99.8 | Reflection at DWL (%) : |
| Coating Specification: R _{abs} >99.8% @ 1064nm @ 0-45° AOI | |
| M10 | Surface Flatness (P-V) : |
| Dielectric | Coating Type : |
| Laser Mirror (1064nm) | Coating : |
| 1064 | Design Wavelength DWL (nm) : |
| 0-45 | Angle of Incidence (°) : |
| Fused Silica (Corning 7980) | Substrate: <input type="checkbox"/> |
| Damage Threshold, By Design: <input type="checkbox"/> 15.0 J/cm ² @ 1064nm, 20ns, 20Hz 1MW/cm ² @ 1064nm | |

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