

TECHSPEC® 19.1mm Dia. 532nm 0-45°, Nd:YAG Laser Line Mirror



TECHSPEC® Nd:YAG Laser Line Mirrors

Stock #38-892 **14 In Stock**

⊖ 1 ⊕ €163⁷⁷

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Volume Pricing	
Qty 1-5	€163,77 each
Qty 6-25	€144,20 each
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

SPECIFICATIONS

General

Laser Mirror **Type:**

Physical & Mechanical Properties

<3	Parallelism (arcmin):
90	Clear Aperture (%):
Commercial Polish	Back Surface:
19.10 +0.00/-0.10	Diameter (mm):
6.35 ±0.20	Thickness (mm):

Optical Properties

10-5	Surface Quality:
99.8	Reflection at DWL (%):
$R_{abs} \geq 99.8\% @ 532nm$	Coating Specification:
523 - 537	Wavelength Range (nm):
$\lambda/10$	Surface Flatness (P-V):
Dielectric	Coating Type:
Laser Mirror (532nm)	Coating:
532	Design Wavelength DWL (nm):
0-45	Angle of Incidence (°):
Fused Silica (Corning 7980)	Substrate: <input type="checkbox"/>
10 J/cm ² @ 532nm, 20ns, 20Hz	Damage Threshold, Reference: <input type="checkbox"/>

Regulatory Compliance

View	Certificate of Conformance:
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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