

TECHSPEC® 50.8mm Dia. 355nm 45°, Nd:YAG Laser Line Mirror



TECHSPEC® Nd:YAG Laser Line Mirrors

Stock #38-862 13 In Stock

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1

+

A\$500⁰⁰

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Volume Pricing	
Qty 1-5	A\$500.80 each
Qty 6-25	A\$443.20 each
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Product Downloads

General	
Laser Mirror	Type:
Physical & Mechanical Properties	
<3	Parallelism (arcmin):
90	Clear Aperture (%):
	Back Surface:

Commercial Polish	
50.80 +0.00/-0.10	Diameter (mm):
9.53 ±0.20	Thickness (mm):
Optical Properties	
10-5	Surface Quality:
99.8	Reflection at DWL (%):
R _{abs} ≥99.8% @ 355nm R _{avg} ≥99.5% @ 351 - 358nm	Coating Specification:
351 - 358	Wavelength Range (nm):
λ/10	Surface Flatness (P-V):
Dielectric	Coating Type:
Laser Mirror (351-358nm)	Coating:
355	Design Wavelength DWL (nm):
45	Angle of Incidence (°):
Fused Silica (Corning 7980)	Substrate: ☐
6 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