

TECHSPEC[®] 50mm Dia. 1064nm 0-45°, Nd:YAG Laser Line Mirror



TECHSPEC[®] Nd:YAG Laser Line Mirrors



Stock **#88-534** **7 In Stock**

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1

+

£260⁰⁰

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Volume Pricing	
Qty 1-5	£260.00 each
Qty 6-25	£230.40 each
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 Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Type:

Laser Mirror

Physical & Mechanical Properties

Parallelism (arcmin):

<3

80	Clear Aperture (%):
Ground	Back Surface:
50.00 +0.00/-0.20	Diameter (mm):

10.00 ±0.20	Thickness (mm):
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Optical Properties

10-5	Surface Quality:
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99.9	Reflection at DWL (%):
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R _{abs} >99.8% @ 1064nm	Coating Specification:
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λ/10	Surface Flatness (P-V):
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Dielectric	Coating Type:
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Laser Mirror (1064nm)	Coating:
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1064	Design Wavelength DWL (nm):
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0-45	Angle of Incidence (°):
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Fused Silica (Corning 7980)	Substrate: ☐
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15 J/cm² @ 1064nm, 20ns, 20Hz	Damage Threshold, Reference: ☐
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Regulatory Compliance

Compliant	RoHS 2015:
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Compliant	Reach 209:
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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