

TECHSPEC[®] 12.5mm Dia. 266nm 0°, Nd:YAG Laser Line Mirror



TECHSPEC[®] Nd:YAG Laser Line Mirrors

Stock **#63-110** CLEARANCE **9 In Stock**

-

1

+

£42⁸⁰

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Volume Pricing	
Qty 1+	£42.80 each
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Product Downloads

General

Laser Mirror

Type:

Physical & Mechanical Properties

<3

Parallelism (arcmin):

>90

Clear Aperture (%):

Back Surface:

Ground	
12.50 +0.00/-0.20	Diameter (mm):
6.00 ±0.20	Thickness (mm):
Optical Properties	
10-5	Surface Quality:
99.5	Reflection at DWL (%):
R _{abs} >99.5% @ 266nm R _{avg} >98% @ 255 - 275nm	Coating Specification:
255 - 275	Wavelength Range (nm):
λ/10	Surface Flatness (P-V):
Dielectric	Coating Type:
Laser Mirror (255-275nm)	Coating:
266	Design Wavelength DWL (nm):
0	Angle of Incidence (°):
Fused Silica (Corning 7980)	Substrate: ☐
2 J/cm² @ 10ns	Damage Threshold, By Design: ☐

Regulatory Compliance	
Compliant	RoHS 2015:
Compliant	Reach 224:
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