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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 + **S$74.90**

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Qty 1+	**S$74.90** each
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General

Type:
Laser Mirror

Physical & Mechanical Properties

Parallelism (arcmin):
<3

Clear Aperture (%):
>90

Back Surface:
Ground

Diameter (mm):	12.50 +0.00/-0.20
Thickness (mm):	6.00 ±0.20

Optical Properties

Surface Quality:	10-5
Reflection at DWL (%):	99.5
Coating Specification:	R_{abs} >99.5% @ 266nm R_{avg} >98% @ 255 - 275nm
Wavelength Range (nm):	255 - 275
Surface Flatness (P-V):	λ/10
Coating Type:	Dielectric
Coating:	Laser Mirror (255-275nm)
Design Wavelength DWL (nm):	266
Angle of Incidence (°):	0
Substrate:	Fused Silica (Corning 7980)
Damage Threshold, By Design:	2 J/cm^2 @ 10ns

Regulatory Compliance

RoHS 2015:	Compliant
Reach 224:	Compliant
Certificate of Conformance:	View

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