

TECHSPEC[®] 6.35 x 6.35mm 355nm 0-45°, Nd:YAG Laser Line Mirror



TECHSPEC[®] Nd:YAG Laser Line Mirrors

Stock **#39-620** **5 In Stock**

-

1

+

S\$214²⁰

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Volume Pricing	
Qty 1-5	S\$214.20 each
Qty 6-25	S\$187.60 each
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General

Type:

Laser Mirror

Physical & Mechanical Properties

Parallelism (arcmin):

<3

Clear Aperture (%):

85

Back Surface:

Commercial Polish	
6.35 x6.35 +0.00/-0.10	Dimensions (mm):
3.18 ±0.20	Thickness (mm):
Optical Properties	
10-5	Surface Quality:
99.8	Reflection at DWL (%):
R _{abs} >99.8% @ 355nm	Coating Specification:
λ/10	Surface Flatness (P-V):
Dielectric	Coating Type:
Laser Mirror (355nm)	Coating:
355	Design Wavelength DWL (nm):
0-45	Angle of Incidence (°):
Fused Silica (Corning 7980)	Substrate: ☐
5 J/cm ² @ 355nm, 20ns, 20Hz	Damage Threshold, Reference: ☐
Regulatory Compliance	
Compliant	RoHS 2015:
Compliant	Reach 209:
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