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TECHSPEC[®] 76.2mm Dia. 355nm 0-45°, Nd:YAG Laser Line Mirror



TECHSPEC[®] Nd:YAG Laser Line Mirrors



Stock #20-420 6 In Stock

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1

+

S\$1,127⁰⁰

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Volume Pricing	
Qty 1-5	S\$1,127.00 each
Qty 6-25	S\$1,015.00 each
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General

Laser Mirror

Type:

Physical & Mechanical Properties

<3

Parallelism (arcmin):

Clear Aperture (%):

90	
	Back Surface:
	Diameter (mm):
76.20 +0.00/-0.10	
	Thickness (mm):
12.70 ±0.20	
Optical Properties	
	Surface Quality:
10-5	
	Reflection at DWL (%):
99.8	
	Coating Specification:
R _{abs} >99.8% @ 355nm @ 0-45° AOI	
	Surface Flatness (P-V):
	Coating Type:
Dielectric	
	Coating:
Laser Mirror (355nm)	
	Design Wavelength DWL (nm):
355	
	Angle of Incidence (°):
0-45	
	Substrate:
	Damage Threshold, By Design:
5.0 J/cm ² @ 355nm, 20ns, 20Hz 1MW/cm ² @ 355nm	
Regulatory Compliance	
	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