

[See all 130 Products in Family](#)

TECHSPEC[®] 4mm Dia. 532nm 0-45°, Nd:YAG Laser Line Mirror



TECHSPEC[®] Nd:YAG Laser Line Mirrors



Stock **#12-627** **5 In Stock**

-

1

+

S\$177⁸⁰

ADD TO CART

Volume Pricing	
Qty 1-5	S\$177.80 each
Qty 6-25	S\$156.80 each
Need More?	Request Quote

Product Downloads

General

Laser Mirror

Type:

Physical & Mechanical Properties

<3

Parallelism (arcmin):

Clear Aperture (%):

90	
Commercial Polish	Back Surface:
4.00 +0.00/-0.10	Diameter (mm):
3.00 ±0.20	Thickness (mm):
Optical Properties	
10-5	Surface Quality:
99.8	Reflection at DWL (%):
R _{abs} >99.8% @ 532nm	Coating Specification:
523 - 537	Wavelength Range (nm):
λ/10	Surface Flatness (P-V):
Dielectric	Coating Type:
Laser Mirror (532nm)	Coating:
532	Design Wavelength DWL (nm):
0-45	Angle of Incidence (°):
Fused Silica (Corning 7980)	Substrate: □
10 J/cm ² @ 532nm, 20ns, 20Hz	Damage Threshold, Reference: □
Regulatory Compliance	
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