

[See all 130 Products in Family](#)

TECHSPEC[®] 50mm Dia. 1064nm 0-45°, Nd:YAG Laser Line Mirror



TECHSPEC[®] Nd:YAG Laser Line Mirrors



Stock **#88-534** **7 In Stock**

-

1

+

€304⁰⁰

ADD TO CART

Volume Pricing	
Qty 1-5	€304,00 each
Qty 6-25	€269,00 each
Need More?	Request Quote

 Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Type:

Laser Mirror

Physical & Mechanical Properties

Parallelism (arcmin):

<3

80	Clear Aperture (%):
Ground	Back Surface:
50.00 +0.00/-0.20	Diameter (mm):

10.00 ±0.20	Thickness (mm):
-------------	-----------------

Optical Properties

10-5	Surface Quality:
------	------------------

99.9	Reflection at DWL (%):
------	------------------------

R _{abs} >99.8% @ 1064nm	Coating Specification:
----------------------------------	------------------------

λ/10	Surface Flatness (P-V):
------	-------------------------

Dielectric	Coating Type:
------------	---------------

Laser Mirror (1064nm)	Coating:
-----------------------	----------

1064	Design Wavelength DWL (nm):
------	-----------------------------

0-45	Angle of Incidence (°):
------	-------------------------

Fused Silica (Corning 7980)	Substrate: ☐
---	-------------------------------------

15 J/cm² @ 1064nm, 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