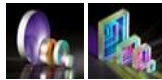


TECHSPEC® 76.2mm Dia. 355nm 0-45°, Nd:YAG Laser Line Mirror



TECHSPEC® Nd:YAG Laser Line Mirrors



Stock #20-420 10 TO 12 DAYS

- 1 + ₹62,901

[ADD TO CART](#)

Qty 1-5

₹62,901

Qty 6+

₹56,550

Volume Pricing

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SPECIFICATIONS

General

Type:
Laser Mirror

Physical & Mechanical Properties

Parallelism (arcmin):
<3

Clear Aperture (%):
90

Back Surface:
λ/10

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):
λ/10

Coating Type:
Dielectric

Coating:
Laser Mirror (355nm)

Design Wavelength DWL (nm):
355

Angle of Incidence (°):
0-45

Substrate:
[Fused Silica](#) (Coming 7980)

Damage Threshold, By Design:
5.0 J/cm² @ 355nm, 20ns, 20Hz
1MW/cm² @ 355nm

Regulatory Compliance

RoHS:
[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