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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**

1 MRP ₹81,217

Price inclusive of all taxes

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Volume Pricing	
Qty 1-5	₹81,217 each
Qty 6-25	₹73,146 each
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General

Laser Mirror **Type:**

Physical & Mechanical Properties

Parallelism (arcmin):

<3

90	Clear Aperture (%)
$\lambda/10$	Back Surface:
76.20 +0.00/-0.10	Diameter (mm):
12.70 ±0.20	Thickness (mm):
Optical Properties	
10-5	Surface Quality:
99.8	Reflection at DWL (%)
$R_{\text{abs}} >99.8\%$ @ 355nm @ 0-45° AOI	Coating Specification:
$\lambda/10$	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: <input type="checkbox"/>
5.0 J/cm ² @ 355nm, 20ns, 20Hz 1MW/cm ² @ 355nm	Damage Threshold, By Design: <input type="checkbox"/>

Regulatory Compliance	
View	Certificate of Conformance:
United States	Country of Origin:
Edmund Optics India Private Limited 267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038 Phone: +91- 80-6845 0000	Imported By:

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