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TECHSPEC[®] 76.2mm Dia. 1064nm 0-45°, Nd:YAG Laser Line Mirror



TECHSPEC[®] Nd:YAG Laser Line Mirrors



Stock **#20-430** **8 In Stock**

-

1

+

₹57,375

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Volume Pricing	
Qty 1-5	₹57,375 each
Qty 6-25	₹51,615 each
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General

Laser Mirror

Type:

Physical & Mechanical Properties

<3

Parallelism (arcmin):

Clear Aperture (%):

90	
	Back Surface:
N10	
	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% @ 1064nm @ 0-45° AOI	
	Surface Flatness (P-V):
N10	
	Coating Type:
Dielectric	
	Coating:
Laser Mirror (1064nm)	
	Design Wavelength DWL (nm):
1064	
	Angle of Incidence (°):
0-45	
	Substrate: ☐
Fused Silica (Corning 7980)	
	Damage Threshold, By Design: ☐
15.0 J/cm ² @ 1064nm, 20ns, 20Hz	
1MW/cm ² @ 1064nm	

Regulatory Compliance

	Certificate of Conformance:
View	
	Country of Origin:
United States	
	Imported By:
Edmund Optics India Private Limited	

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