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TECHSPEC® 12.7mm Dia. 1064nm 0-45°, Nd:YAG Laser Line Mirror

TECHSPEC® Nd:YAG Laser Line Mirrors

Stock **#38-902** **20+ In Stock**

- 1 + **£128**.00

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Volume Pricing	
Qty 1-5	**£128.00** each
Qty 6-25	**£113.60** each
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Product Downloads

General

Type:

Laser Mirror

Physical & Mechanical Properties

Parallelism (arcmin):

<3

Clear Aperture (%):	90
Back Surface:	Commercial Polish
Diameter (mm):	12.70 +0.00/-0.10
Thickness (mm):	6.35 ±0.20

Optical Properties

Surface Quality:	10-5
Reflection at DWL (%):	99.8
Coating Specification:	R_{abs} ≥99.8% @ 1064nm
Wavelength Range (nm):	1046 - 1074
Surface Flatness (P-V):	λ/10
Coating Type:	Dielectric
Coating:	Laser Mirror (1064nm)
Design Wavelength DWL (nm):	1064
Angle of Incidence (°):	0-45
Substrate:	Fused Silica (Corning 7980)
Damage Threshold, Reference:	15 J/cm^2 @ 1064nm, 20ns, 20Hz

Regulatory Compliance

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

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