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TECHSPEC<sup>®</sup> 38.1mm Dia. 1064nm 0-45°, Nd:YAG Laser Line Mirror



TECHSPEC<sup>®</sup> Nd:YAG Laser Line Mirrors



Stock **#38-907** [CONTACT US](#)

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+

C\$302<sup>40</sup>

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| Volume Pricing |                               |
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| Qty 1-5        | C\$302.40 each                |
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General

Laser Mirror

Type:

Physical & Mechanical Properties

<3

Parallelism (arcmin):

Clear Aperture (%):

|                                           |                                |
|-------------------------------------------|--------------------------------|
| 80                                        |                                |
| Ground                                    | Back Surface:                  |
| 38.10 +0.00/-0.10                         | Diameter (mm):                 |
| 6.35 ±0.20                                | Thickness (mm):                |
| Optical Properties                        |                                |
| 10-5                                      | Surface Quality:               |
| 99.8                                      | Reflection at DWL (%):         |
| R <sub>abs</sub> ≥99.8% @ 1064nm          | Coating Specification:         |
| 1046 - 1074                               | Wavelength Range (nm):         |
| 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/cm <sup>2</sup> @ 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