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TECHSPEC® 76.2mm Dia. x 12.70mm 635-670/1064nm, Dual Band Laser Mirror



Stock #27-038 **2 In Stock**

⊖ 1 ⊕ \$1,099.⁰⁰

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| Volume Pricing | |
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| Qty 1-5 | \$1,099.00 each |
| Qty 6-25 | \$987.00 each |
| Qty 26-49 | \$875.00 each |
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Product Downloads

General

Laser Mirror **Type:**

Physical & Mechanical Properties

<3 **Parallelism (arcmin):**

>90 **Clear Aperture (%):**

| | |
|---|--|
| Commercial Polish | Back Surface: |
| 76.20 +0.00/-0.10 | Diameter (mm): |
| 12.70 ±0.20 | Thickness (mm): |
| Optical Properties | |
| 10-5 | Surface Quality: |
| 99.5 | Reflection at DWL (%): |
| R _{abs} >99.5% @ 635, 670 & 1064nm | Coating Specification: |
| λ/10 | Surface Flatness (P-V): |
| Dielectric | Coating Type: |
| Laser Mirror (635, 670, 1064nm) | Coating: |
| 635, 670, 1064 | Design Wavelength DWL (nm): |
| 45 | Angle of Incidence (°): |
| Fused Silica (Corning 7980) | Substrate: <input type="checkbox"/> |
| 20 J/cm ² @ 1064nm | Damage Threshold, Reference: <input type="checkbox"/> |

| | |
|------------------------------|------------------------------------|
| Regulatory Compliance | |
| View | Certificate of Conformance: |

Product Details

- >99% Reflectivity at Design Wavelengths
- 10-5 Surface Quality for Sensitive Laser Applications
- 532/1064nm, 635-670/1064nm, or 800/1030nm Wavelength Bands
- [TECHSPEC® Nd:YAG Laser Line Mirrors](#) Also Available

TECHSPEC® Dual Band Laser Line Mirrors feature high reflectivity, excellent surface quality, and precision surface flatness to minimize scattering effects. 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 a variety of standard sizes. TECHSPEC® Dual Band Laser Line Mirrors are ideal for beam steering applications in both laboratory and OEM laser systems. These mirrors are available in a 532/1064nm, 635-670/1064nm, and 800/1030nm dual band coating options for Nd:YAG lasers and red and green guide beams.