

**TECHSPEC® 50.8mm Dia. x 9.53mm 800/1030nm, Dual Band Laser Mirror**



Stock #28-967 **5 In Stock**

⊖ 1 ⊕ €346<sup>00</sup>

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Volume Pricing	
Qty 1-5	€346,00 each
Qty 6+	€305,00 each
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ⓘ Prices shown are exclusive of VAT/local taxes

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**General**

Laser Mirror **Type:**

**Physical & Mechanical Properties**

<3 **Parallelism (arcmin):**

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

Commercial Polish	<b>Back Surface:</b>
50.80 +0.00/-0.10	<b>Diameter (mm):</b>
9.53 ±0.2	<b>Thickness (mm):</b>
<b>Optical Properties</b>	
10-5	<b>Surface Quality:</b>
99.9	<b>Reflection at DWL (%):</b>
<b>Coating Specification:</b> $R_{avg} S \& P \geq 99.90\% @ 800nm \& 1030nm @ 45^\circ$ AOI $R_{avg} \geq 99.6\% @ 760 - 840nm @ 45^\circ$ AOI $R_{avg} \geq 99.6\% @ 980 - 1080nm @ 45^\circ$ AOI	
λ/10	<b>Surface Flatness (P-V):</b>
Dielectric	<b>Coating Type:</b>
Laser Mirror (800, 1030nm)	<b>Coating:</b>
800, 1030	<b>Design Wavelength DWL (nm):</b>
45	<b>Angle of Incidence (°):</b>
<a href="#">Fused Silica</a> (Corning 7980)	<b>Substrate:</b> <input type="checkbox"/>
Not Specified	<b>Damage Threshold, Reference:</b> <input type="checkbox"/>

<b>Regulatory Compliance</b>	
<a href="#">View</a>	<b>Certificate of Conformance:</b>

## 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.