

**TECHSPEC® 12.7mm Dia. x 6.35mm 635-670/1064nm, 0-45° AOI, Dual Band Laser Mirror**



Stock #28-977 **5 In Stock**

⊖ 1 ⊕ £150<sup>40</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-5	£150.40 each
Qty 6-25	£132.00 each
Qty 26+	£127.84 each
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

**General**

Laser Mirror **Type:**

**Physical & Mechanical Properties**

<3 **Parallelism (arcmin):**

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

Commercial Polish	<b>Back Surface:</b>
12.70 +0.00/-0.10	<b>Diameter (mm):</b>
6.35 ±0.20	<b>Thickness (mm):</b>

## Optical Properties

10-5	<b>Surface Quality:</b>
99.5	<b>Reflection at DWL (%):</b>
$R_{\text{abs}} > 99.5\%$ @ 635, 670 & 1064nm	<b>Coating Specification:</b>
$\lambda/10$	<b>Surface Flatness (P-V):</b>
Dielectric	<b>Coating Type:</b>
Laser Mirror (635, 670, 1064nm)	<b>Coating:</b>
635, 670, 1064	<b>Design Wavelength DWL (nm):</b>
0 - 45	<b>Angle of Incidence (°):</b>
<a href="#">Fused Silica</a> (Corning 7980)	<b>Substrate:</b> <input type="checkbox"/>
20 J/cm <sup>2</sup> @ 20ns	<b>Damage Threshold, Reference:</b> <input type="checkbox"/>

## Regulatory Compliance

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