

**TECHSPEC® 10.0mm Dia x 2mm Thick 532/1064nm, Zerodur Dual Band Laser Mirror**



Stock #29-056 **9 In Stock**

- 1 + £125.<sup>60</sup>

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Volume Pricing	
Qty 1-5	£125.60 each
Qty 6-25	£107.20 each
Qty 26-49	£95.20 each
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! Prices shown are exclusive of VAT/local taxes

Product Downloads

**General**

Flat Mirror **Type:**

**Physical & Mechanical Properties**

2.00 ±0.20 **Thickness (mm):**

10.00 +0.00/-0.20 **Diameter (mm):**

90	<b>Clear Aperture (%):</b>
30	<b>Parallelism (arcsec):</b>
Commercial Polish	<b>Back Surface:</b>
Protective as needed	<b>Bevel:</b>
Ground	<b>Edges:</b>

## Optical Properties

ZERODUR®	<b>Substrate:</b> □
20-10	<b>Surface Quality:</b>
Laser Mirror (532, 1064nm)	<b>Coating:</b>
532, 1064	<b>Design Wavelength DWL (nm):</b>
Rabs >99.5% @ 532 & 1064nm	<b>Coating Specification:</b>
Dielectric	<b>Coating Type:</b>
15 J/cm <sup>2</sup> @ 20ns @ 532nm 20 J/cm <sup>2</sup> @ 20ns @ 1064nm	<b>Damage Threshold, By Design:</b> □

## Regulatory Compliance

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

- >99.5% Reflectivity at Design Wavelengths
- Low Coefficient of Thermal Expansion
- 532/1064nm or 635/670/1064nm Wavelength Bands

TECHSPEC® Zerodur® Dual Band Laser Line Mirrors feature high reflectivity coatings with either two or three wavelength bands on a durable Zerodur® substrates. The ZERODUR® substrates have a low coefficient of thermal expansion (CTE) of  $\pm 0.10 \times 10^{-6}/^{\circ}\text{C}$ , which is an order of magnitude lower than most glass types. The low CTE allows these mirrors to have a consistent reflected wavefront when exposed to environments with varying temperature or illumination sources with changing intensity. TECHSPEC® Zerodur® Dual Band Laser Line Mirrors are available in a highly reflective 532/1064nm or 635/670/1064nm dual band coatings and multiple standard diameter options for Nd:YAG lasers and red and green guide beams. These mirrors are ideal for beam steering applications in both laboratory and OEM laser systems.