

TECHSPEC® 50mm Dia. x 10mm 532/1064nm, Dual Band Laser Mirror



Stock #63-118 **16 In Stock**

⊖ 1 ⊕ A\$491²⁰

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Volume Pricing	
Qty 1-5	A\$491.20 each
Qty 6-25	A\$435.20 each
Qty 26-49	A\$387.20 each
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General

Laser Mirror **Type:**

Physical & Mechanical Properties

<3 **Parallelism (arcmin):**

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

Ground	Back Surface:
50.00 +0.00/-0.20	Diameter (mm):
10.00 ±0.20	Thickness (mm):
Optical Properties	
10-5	Surface Quality:
99.5	Reflection at DWL (%):
R _{abs} >99.5% @ 532 & 1064nm	Coating Specification:
λ/10	Surface Flatness (P-V):
Dielectric	Coating Type:
Laser Mirror (532, 1064nm)	Coating:
532, 1064	Design Wavelength DWL (nm):
45	Angle of Incidence (°):
Fused Silica (Corning 7980)	Substrate: <input type="checkbox"/>
15 J/cm ² @ 20ns @ 532nm 20 J/cm ² @ 20ns @ 1064nm	Damage Threshold, Reference: <input type="checkbox"/>

Regulatory Compliance	
Compliant	RoHS 2015:
Compliant	Reach 209:
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.

Compatible Mounts

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