

TECHSPEC[®] 12.5mm Dia. x 6mm 532/1064nm, Dual Band Laser Mirror



Stock **#47-976** 13 In Stock

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+

S\$218^{.05}

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Volume Pricing	
Qty 1-5	S\$218.05 each
Qty 6-25	S\$191.17 each
Qty 26-49	S\$171.75 each
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SPECIFICATIONS

General

Type:
Laser Mirror

Physical & Mechanical Properties

<3	Parallelism (arcmin):
>90	Clear Aperture (%):
Ground	Back Surface:
12.50 +0.0/-0.2	Diameter (mm):
6.00 ±0.2	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:
15 J/cm² @ 20ns @ 532nm 20 J/cm² @ 20ns @ 1064nm	Damage Threshold, Reference:
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.