

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



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

⊖ 1 ⊕ €346⁰⁰

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

Regulatory Compliance	
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.