

TECHSPEC[®] 76.2mm Dia. x 12.70mm 532/1064nm, Dual Band Laser Mirror



Stock **#27-037** 6 In Stock

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1

+

€746^{.75}

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Volume Pricing	
Qty 1-5	€746,75 each
Qty 6-25	€669,50 each
Qty 26-49	€597,40 each
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Product Downloads

SPECIFICATIONS

General

Laser Mirror

Type:

Physical & Mechanical Properties	
<3	Parallelism (arcmin):
>90	Clear Aperture (%):
Commercial Polish	Back Surface:
76.20 +0.00/-0.10	Diameter (mm):
12.70 ±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:
15 J/cm² @ 20ns @ 532nm 20 J/cm² @ 20ns @ 1064nm	Damage Threshold, Reference:
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.