

TECHSPEC[®] 12.7mm Dia. x 6.35mm 800/1030nm, 0-45° AOI, Dual Band Laser Mirror



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1

+

₹16,271

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SPECIFICATIONS

General

Type:
Laser Mirror

Physical & Mechanical Properties

Parallelism (arcmin):

<3	
>90	Clear Aperture (%):
Commercial Polish	Back Surface:
12.70 +0.00/-0.10	Diameter (mm):
6.35 ±0.2	Thickness (mm):
Optical Properties	
10-5	Surface Quality:
99.9	Reflection at DWL (%):
Coating Specification: R _{avg} S & P ≥ 99.90% @ 800nm & 1030nm @ 0-45° AOI R _{avg} ≥ 99.6% @ 780 –820nm @ 0-45° AOI R _{avg} ≥ 99.6% @ 1010 –1050nm @ 0-45° AOI	
N/10	Surface Flatness (P-V):
Dielectric	Coating Type:
Laser Mirror (800, 1030nm)	Coating:
800, 1030	Design Wavelength DWL (nm):
0 - 45	Angle of Incidence (°):
Fused Silica (Corning 7980)	Substrate: ☐
Not Specified	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.