

TECHSPEC[®] 12.7mm Dia. x 6.35mm 800/1030nm, Dual Band Laser Mirror



Stock **#28-965** 9 In Stock

-

1

+

€179^{.22}

ADD TO CART

Volume Pricing	
Qty 1-5	€179,22 each
Qty 6+	€157,59 each
Need More?	Request Quote

 Prices shown are exclusive of VAT/local taxes

Product Downloads

SPECIFICATIONS

General

Type:
Laser Mirror

Physical & Mechanical Properties

<3	Parallelism (arcmin):
>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 @ 45° AOI R _{avg} ≥ 99.6% @ 760 –840nm @ 45° AOI R _{avg} ≥ 99.6% @ 980 –1080nm @ 45° 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:
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.