

[See all 32 Products in Family](#)

TECHSPEC® 50.8mm Dia. x 9.53mm 635-670/1064nm, 0-45° AOI, Dual Band Laser Mirror



Stock #28-979 **1 In Stock**

- 1 + €365⁰⁰

ADD TO CART

Volume Pricing	
Qty 1-5	€365,00 each
Qty 6-25	€322,00 each
Qty 26+	€310,25 each
Need More?	Request Quote

! Prices shown are exclusive of VAT/local taxes

Product Downloads

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 ±0.20	Thickness (mm):

Optical Properties

10-5	Surface Quality:
99.5	Reflection at DWL (%):
$R_{\text{abs}} > 99.5\%$ @ 635, 670 & 1064nm	Coating Specification:
$\lambda/10$	Surface Flatness (P-V):
Dielectric	Coating Type:
Laser Mirror (635, 670, 1064nm)	Coating:
635, 670, 1064	Design Wavelength DWL (nm):
0 - 45	Angle of Incidence (°):
Fused Silica (Corning 7980)	Substrate: <input type="checkbox"/>
20 J/cm ² @ 20ns	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.