

TECHSPEC® 12.5mm Dia. x 6mm 635-670/1064nm, Dual Band Laser Mirror



Stock #47-978 **20+ In Stock**

- 1 + £126^{.40}

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Volume Pricing	
Qty 1-5	£126.40 each
Qty 6-25	£110.40 each
Qty 26-49	£99.20 each
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! Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Laser Mirror **Type:**

Physical & Mechanical Properties

<3 **Parallelism (arcmin):**

>90 **Clear Aperture (%):**

Ground	Back Surface:
12.50 +0.0/-0.2	Diameter (mm):
6.00 ±0.2	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):
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

Compliant	RoHS 2015:
Compliant	Reach 209:
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.