

TECHSPEC® 50.0mm Dia x 5mm Thick 635-670/1064nm, Zerodur Dual Band Laser Mirror



Stock #29-067 4 In Stock

-

1

+

€394^{.00}

ADD TO CART

Volume Pricing	
Qty 1-5	€394,00 each
Qty 6-25	€315,00 each
Qty 26-49	€295,50 each
Need More?	Request Quote

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Type:

Flat Mirror

Physical & Mechanical Properties

Diameter (mm):

50.00 +0.00/-0.20

Back Surface:

Commercial Polish

Protective as needed	Bevel:
90	Clear Aperture (%):
30	Parallelism (arcsec):
5.00 ±0.20	Thickness (mm):

Ground	Edges:
--------	--------

Optical Properties

635, 670, 1064	Design Wavelength DWL (nm):
ZERODUR®	Substrate: ☐

Laser Mirror (635, 670, 1064nm)	Coating:
Rabs >99.5% @ 635, 670 & 1064nm	Coating Specification:

Dielectric	Coating Type:
20-10	Surface Quality:

20 J/cm2 @ 1064nm	Damage Threshold, By Design: ☐
-------------------	---

Regulatory Compliance

View	Certificate of Conformance:
----------------------	-----------------------------

Product Details

- >99.5% Reflectivity at Design Wavelengths
- Low Coefficient of Thermal Expansion
- 532/1064nm or 635/670/1064nm Wavelength Bands

TECHSPEC® Zerodur® Dual Band Laser Line Mirrors feature high reflectivity coatings with either two or three wavelength bands on a durable Zerodur® substrates. The ZERODUR® substrates have a low coefficient of thermal expansion (CTE) of ±0.10 x 10-6/°C, which is an order of magnitude lower than most glass types. The low CTE allows these mirrors to have a consistent reflected wavefront when exposed to environments with varying temperature or illumination sources with changing intensity. TECHSPEC® Zerodur® Dual Band Laser Line Mirrors are available in a highly reflective 532/1064nm or 635/670/1064nm dual band coatings and multiple standard diameter options for Nd:YAG lasers and red and green guide beams. These mirrors are ideal for beam steering applications in both laboratory and OEM laser systems.