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# TECHSPEC® 15.0mm Dia x 3mm Thick 532/1064nm, Zerodur Dual Band Laser Mirror

Stock **#29-057** 10 TO 12 DAYS

- 1 + ₹16,530

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| **₹16,530** |

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| **₹14,877** |

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## SPECIFICATIONS

### General

**Type:**
Flat Mirror

### Physical & Mechanical Properties

**Diameter (mm):**
15.00 +0.00/-0.20

**Back Surface:**
Commercial Polish

**Bevel:**
Protective bevel as needed

**Clear Aperture (%):**
90

**Parallelism (arcsec):**
30

**Thickness (mm):**
3.00 ±0.20

**Edges:**
Ground

## Optical Properties

**Design Wavelength DWL (nm):**
532, 1064

**Substrate:**
ZERODUR®

**Coating:**
Laser Mirror (532, 1064nm)

**Coating Specification:**
Rabs >99.5% @532 & 1064nm

**Coating Type:**
Dielectric

**Surface Quality:**
20-10

**Damage Threshold, By Design:**
15 J/cm2 @20ns @532nm 20 J/cm2 @20ns @ 1064nm

## Regulatory Compliance

**RoHS:**
Compliant

**Certificate of Conformance:**
View

# 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.