

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



Stock #29-057 8 In Stock

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+

S\$260<sup>.40</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | S\$260.40 each                |
| Qty 6-25       | S\$228.20 each                |
| Qty 26-49      | S\$204.40 each                |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

| General                          |                 |
|----------------------------------|-----------------|
| Flat Mirror                      | Type:           |
| Physical & Mechanical Properties |                 |
| 3.00 ±0.20                       | Thickness (mm): |
| 15.00 +0.00/-0.20                | Diameter (mm):  |

|                      |                       |
|----------------------|-----------------------|
| 90                   | Clear Aperture (%):   |
| 30                   | Parallelism (arcsec): |
| Commercial Polish    | Back Surface:         |
| Protective as needed | Bevel:                |
| Ground               | Edges:                |

Optical Properties

|                                                  |                                |
|--------------------------------------------------|--------------------------------|
| ZERODUR®                                         | Substrate: □                   |
| 20-10                                            | Surface Quality:               |
| Laser Mirror (532, 1064nm)                       | Coating:                       |
| 532, 1064                                        | Design Wavelength DWL (nm):    |
| Rabs >99.5% @ 532 & 1064nm                       | Coating Specification:         |
| Dielectric                                       | Coating Type:                  |
| 15 J/cm2 @ 20ns @ 532nm 20 J/cm2 @ 20ns @ 1064nm | Damage Threshold, By Design: □ |

Regulatory Compliance

|                      |                             |
|----------------------|-----------------------------|
| <a href="#">View</a> | 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.