

TECHSPEC<sup>®</sup> 25mm Dia. x 6mm 532/1064nm, Dual Band Laser Mirror



Stock #47-977 5 In Stock

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+

S\$253<sup>.40</sup>

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | S\$253.40 each                |
| Qty 6-25       | S\$222.60 each                |
| Qty 26-49      | S\$197.40 each                |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

| General                          |                       |
|----------------------------------|-----------------------|
| Laser Mirror                     | Type:                 |
| Physical & Mechanical Properties |                       |
| <3                               | Parallelism (arcmin): |
| >90                              | Clear Aperture (%):   |

|                                                     |                                |
|-----------------------------------------------------|--------------------------------|
| Ground                                              | Back Surface:                  |
| 25.00 +0.0/-0.2                                     | Diameter (mm):                 |
| 6.00 ±0.2                                           | Thickness (mm):                |
| Optical Properties                                  |                                |
| 10-5                                                | Surface Quality:               |
| 99.5                                                | Reflection at DWL (%):         |
| R <sub>abs</sub> >99.5% @ 532 & 1064nm              | Coating Specification:         |
| λ/10                                                | Surface Flatness (P-V):        |
| Dielectric                                          | Coating Type:                  |
| Laser Mirror (532, 1064nm)                          | Coating:                       |
| 532, 1064                                           | Design Wavelength DWL (nm):    |
| 45                                                  | Angle of Incidence (°):        |
| Fused Silica (Corning 7980)                         | Substrate: □                   |
| 15 J/cm² @ 20ns @ 532nm<br>20 J/cm² @ 20ns @ 1064nm | Damage Threshold, Reference: □ |
| 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.