

[See all 3 Products in Family](#)

**TECHSPEC® 25.4mm Dia. Uncoated, Silicon, Laser Mirror**



Stock #90-139 **NEW** 1 In Stock

− 1 + S\$137<sup>.20</sup>

**ADD TO CART**

Volume Pricing	
Qty 1+	S\$137.20 each
Need More?	<a href="#">Request Quote</a>

Product Downloads

**General**

Laser Mirror Substrate **Type:**

**Physical & Mechanical Properties**

<3 **Parallelism (arcmin):**

90 **Clear Aperture (%):**

Commercial Polish **Back Surface:**

**Diameter (mm):**

25.40 +0.00/-0.10

6.35 ±0.10 **Thickness (mm):**

## Optical Properties

40-20 **Surface Quality:**

N/A **Coating Specification:**

$\lambda/10$  **Surface Flatness (P-V):**

Uncoated **Coating:**

Optical Grade Silicon **Substrate:**

## Regulatory Compliance

[View](#) **Certificate of Conformance:**

## Product Details

- Silicon Substrate for Thermally Demanding Ultrafast Setups
- $\lambda/10$  Surface Flatness and 40-20 Surface Quality
- Available In Standard Diameters for Coating Flexibility and System Integration

TECHSPEC® Silicon Laser Mirror Substrates feature a high-thermal-conductivity silicon substrate designed for thermally demanding high-power and ultrafast laser applications. Optimized for efficient heat distribution in challenging optical setups, these substrates help mitigate thermally induced wavefront distortion. Designed as a coating-ready platform, TECHSPEC® Silicon Laser Mirror Substrates provide a flexible foundation for custom broadband or low-dispersion mirror solutions. Available in 12.7mm, 25.4mm, and 50.8mm diameters, these mirrors offer flexibility for integration into a wide range of laser system configurations.