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TECHSPEC® 12.7 x 6.35mm, 10' Wedge, Mirror Substrate



TECHSPEC® Laser Mirror Substrates

Stock #21-251 **20+ In Stock**

⊖ 1 ⊕ **S\$131⁰⁰**

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Volume Pricing	
Qty 1-10	S\$131.60 each
Qty 11-25	S\$116.20 each
Qty 26-50	S\$102.20 each
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General

Laser Mirror Substrate **Type:**

Physical & Mechanical Properties

10 ±5 **Parallelism (arcmin):**

80 **Clear Aperture (%):**

Commercial Polish **Back Surface:**

12.70 +0.00/-0.10 **Diameter (mm):**

6.35 ±0.01 **Thickness (mm):**

Optical Properties

10-5 **Surface Quality:**

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

Uncoated **Coating:**

[Fused Silica](#) (Corning 7980) **Substrate:**

Regulatory Compliance

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

Product Details

- $\lambda/10$ and $\lambda/20$ Surface Flatness and 10-5 Surface Quality
- High Quality Fused Silica Substrates
- Imperial Sizes with Circular or Rectangular Geometries
- [Window Substrates](#) Also Available

TECHSPEC® Laser Mirror Substrates are manufactured from high quality fused silica and are designed for use with high power laser sources. These mirrors feature excellent surface specifications, including $\lambda/10$ and $\lambda/20$ surface flatness and 10-5 surface quality, to limit the possibility of reduced performance due to surface defects. The high surface quality of these mirror blanks also makes them ideal for use in demanding intra-cavity laser applications. TECHSPEC Laser Mirror Substrates are available in standard imperial sizes, with either circular or rectangular geometries. Please contact us if your application requires a custom size laser mirror substrate.

Compatible Mounts