

TECHSPEC® 50.8mm Dia., 9.53mm Thick, Superpolished Laser Window Substrate



TECHSPEC® Superpolished Substrates

Stock #11-556 3-5 DAYS

⊖ 1 ⊕

A\$1,038.40

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Qty 1-10
A\$1,038.40
Qty 11+
A\$920.00
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Clear Aperture CA (mm):
45.72

Coating:
Uncoated

Diameter (mm):
50.80 +0.00/-0.10

Substrate: Fused Silica (Corning 7980)
Index of Refraction n_d: 1.458
Surface Quality: 10-5
Thickness (mm): 9.53 ±0.10
Type: Laser Window Substrate
Bevel: Protective as needed
Clear Aperture (%): 90
Abbe Number (v_d): 67.8
Parallelism (arcsec): <30
Wavelength Range (nm): 200 - 2200
Surface Flatness (P-V): $\lambda/10$
Surface Roughness (Angstroms): ≤1 RMS as measured using an optical profiler using a 20x objective at a spatial frequency bandwidth of 9 to 250 cycles per mm
Edges: Commercial Polish

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View