

TECHSPEC® 25mm Dia x 75mm FL 3-5µm Coated, Hybrid Ge Aspheric Lens



Stock #68-266 CLEARANCE CONTACT US

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+

A\$1,550.40

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Diameter (mm):
25.00 +0.0/-0.1

Effective Focal Length EFL (mm):
75.00 @ 4000nm

Numerical Aperture NA:
0.17

Back Focal Length BFL (mm):
72.79

Substrate: Germanium (Ge)
Aspheric Design Wavelength (nm): 4000
Asphere Figure Error, RMS @ 632.8nm: λ/6
Coating: BBAR (3000-5000nm)
Coating Specification: R_{avg} <3.0% @ 3 - 5μm
Surface Accuracy, P-V (μm): 0.3
Centering (arcmin): ≤5
Surface Quality: 60-40
Clear Aperture CA (mm): 24.0
Edge Thickness ET (mm): 2.39
Center Thickness CT (mm): 2.80 ±0.10
f#: 2.94
Bevel: Protective bevel as needed
Edges: Diamond Turned
Radius R₂ (mm): 100.8
Shape of Back Surface: Concave
Type: Aspheric Lens
Wavelength Range (nm): 3000 - 5000
Conjugate Distance: Infinite

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View