

TECHSPEC® 25mm Dia x 50mm FL 3-5µm Coated, Hybrid Ge Aspheric Lens



Stock #68-265

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3-4 DAYS

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1

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£823.65

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Qty 1-5

£823.65

Qty 6+

£658.92

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Diameter (mm):

25.00 +0.0/-0.1

Effective Focal Length EFL (mm):

50.00 @ 4000nm

Numerical Aperture NA:

0.25

Back Focal Length BFL (mm):

47.91
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): 2.01
Center Thickness CT (mm): 2.60 ±0.10
f/#: 2.00
Bevel: Protective bevel as needed
Edges: Diamond Turned
Radius R₂ (mm): 64.8
Shape of Back Surface: Concave
Type: Aspheric Lens
Wavelength Range (nm): 3000 - 5000
Conjugate Distance: Infinite

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View