

TECHSPEC[®] 25mm Dia x 40mm FL 3-12μm Coated, Ge Aspheric Lens



Stock **#89-612** 3-4 DAYS

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£807.50

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Diameter (mm):
25.00 +0.0/-0.1

Effective Focal Length EFL (mm):
40.00 @ 4000nm

Numerical Aperture NA:
0.31

Back Focal Length BFL (mm): 37.89
Substrate: Germanium (Ge)
Aspheric Design Wavelength (nm): 4000
Asphere Figure Error, RMS @ 632.8nm: λ/6
Coating: BBAR (3000-12000nm)
Coating Specification: R_{avg} <5.0% @ 3 - 12μm
Centering (arcmin): ≤5
Surface Quality: 60-40
Clear Aperture CA (mm): 22.5
Edge Thickness ET (mm): 2.38
Center Thickness CT (mm): 3.10 ±0.10
f/#: 1.61
Bevel: Protective bevel as needed
Edges: Diamond Turned
Radius R₂ (mm): 65.6
Shape of Back Surface: Concave
Type: Aspheric Lens
Wavelength Range (nm): 3000 - 12000
Conjugate Distance: Infinite

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 235: Compliant