

TECHSPEC® 50mm Dia. x 100mm FL, 8-12μm Coated Germanium Meniscus Lens



Stock **#87-972** ☐ In Stock

1 **C\$1,531.60**

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Qty 1-5
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Diameter (mm):
50.00 +0.0/-0.1

Effective Focal Length EFL (mm):
100.00

Substrate: ☐
Germanium (Ge)

f/#:
2.00

Numerical Aperture NA: 0.25
Coating: BBAR (8000-12000nm)
Type: Meniscus Lens
Wavelength Range (nm): 8000 - 12000
Back Focal Length BFL (mm): 96.49
Center Thickness CT (mm): 5.00
Center Thickness Tolerance (mm): ±0.10
Centering (arcmin): <3
Clear Aperture (%): 90.00
Coating Specification: R _{avg} <3.0% @ 8 - 12µm
Edge Thickness ET (mm): 3.8
Focal Length Specification Wavelength (µm): 10.6
Radius R₁ (mm): 107.03
Radius R₂ (mm): 160.46
Surface Quality: 60-40
Wavelength Range (µm): 8 - 12

Regulatory Compliance

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