

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



Stock **#87-970** [CONTACT US](#)

- 1 + **C\$1,523.20**

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Qty 1-5
C\$1,523.20
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Diameter (mm): 50.00 +0.0/-0.1
Effective Focal Length EFL (mm): 50.00
Substrate: ☐ Germanium (Ge)
f/#: 1.00

Numerical Aperture NA: 0.50
Coating: BBAR (8000-12000nm)
Type: Meniscus Lens
Wavelength Range (nm): 8000 - 12000
Back Focal Length BFL (mm): 46.69
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): 2.6
Focal Length Specification Wavelength (µm): 10.6
Radius R₁ (mm): 56.64
Radius R₂ (mm): 84.91
Surface Quality: 60-40
Wavelength Range (µm): 8 - 12

Regulatory Compliance

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