

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



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

⊖ 1 ⊕ **S\$1,577.60**

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Qty 1-5
S\$1,577.60
Qty 6+
S\$1,262.08
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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