

50.8mm Dia. x 50mm FL, Uncoated, ISP Optics Germanium (Ge) Meniscus Lens | GE-PM-50-50

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C\$963.20

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Diameter (mm):
50.80 +0.00/-0.13

Effective Focal Length EFL (mm):
50.00 @ 10.6µm

Substrate: ☐
[Germanium \(Ge\)](#)

f/#: 0.98
Numerical Aperture NA: 0.51
Coating: Uncoated
Type: Meniscus Lens
Wavelength Range (nm): 2000 - 14000
Center Thickness CT (mm): 5.20 ±0.20
Centering (arcmin): <3
Clear Aperture (%): 90
Clear Aperture CA (mm): 45.72
Edge Thickness ET (mm): 3.10
Focal Length Tolerance (%): ±2
Model Number: GE-PM-50-50
Radius R₁ (mm): 65.77
Radius R₂ (mm): 48.53
Surface Quality: 60-40
Irregularity (P-V) @ 10.6µm: λ/20

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View