

TECHSPEC[®] 50mm Dia. x 100mm FL, 8 - 12µm Coated, Ge Plano-Convex Lens



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1

+

£807.50

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£807.50

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Diameter (mm):
50.00 +0.0/-0.1

Effective Focal Length EFL (mm):
100.00 @ 10.6µm

Back Focal Length BFL (mm):

99.00
Coating: BBAR (8000-12000nm)
Coating Specification: R _{avg} <3.0% @ 8 - 12μm
Substrate: □ Germanium (Ge)
Surface Quality: 60-40
Centering (arcmin): <3
Center Thickness CT (mm): 4.00 ±0.10
Edge Thickness ET (mm): 2.96
Radius R₁ (mm): 300.39
Clear Aperture CA (mm): 49
f#: 2.00
Numerical Aperture NA: 0.25
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 8000 - 12000

Regulatory Compliance

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