

25.4mm Dia. x 127mm FL, 8 - 12µm BBAR Coated, ISP Optics Zinc Selenide (ZnSe)
Meniscus Lens | AR812-ZC-PM-25-127

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Diameter (mm):
25.40 +0.00/-0.13

Effective Focal Length EFL (mm):
127.00 @ 10.6µm

Substrate: Zinc Selenide (ZnSe), CVD Grade
f/#: 5.00
Numerical Aperture NA: 0.10
Coating: BBAR (8000-12000nm)
Type: Meniscus Lens
Wavelength Range (nm): 8000 - 12000
Center Thickness CT (mm): 2.50 ±0.20
Centering (arcmin): <3
Clear Aperture (%): 90
Clear Aperture CA (mm): 22.86
Coating Specification: Ravg <0.5% @ 8 - 12µm Rabs <1% @ 8 - 12µm
Edge Thickness ET (mm): 2.00
Focal Length Tolerance (%): ±2
Model Number: AR812-ZC-PM-25-127
Radius R₁ (mm): 449.80
Radius R₂ (mm): 127.35
Surface Quality: 60-40
Irregularity (P-V) @ 10.6µm: λ/20

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View