

50.8mm Dia. x 76.2mm FL, Uncoated, ISP Optics Zinc Selenide (ZnSe) Meniscus Lens | ZC-PM-50-76

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Diameter (mm):
50.80 +0.00/-0.13

Effective Focal Length EFL (mm):
76.20 @ 10.6µm

Substrate: Zinc Selenide (ZnSe), CVD Grade
f/#: 1.50
Numerical Aperture NA: 0.33
Coating: Uncoated
Type: Meniscus Lens
Wavelength Range (nm): 600 - 18000
Center Thickness CT (mm): 6.60 ±0.20
Centering (arcmin): <3
Clear Aperture (%): 90
Clear Aperture CA (mm): 45.72
Edge Thickness ET (mm): 3.50
Focal Length Tolerance (%): ±2
Model Number: ZC-PM-50-76
Radius R₁ (mm): 179.47
Radius R₂ (mm): 68.23
Surface Quality: 60-40
Irregularity (P-V) @ 10.6µm: λ/20

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View