

TECHSPEC[®] 50.8mm Dia. x 50.8mm FL, Uncoated, ZnSe Aspheric Lens

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TECHSPEC Zinc Selenide (ZnSe) Aspheric Lenses

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Diameter (mm):
50.80 +0.00/-0.10

Effective Focal Length EFL (mm):
50.80

Numerical Aperture NA: 0.50
Back Focal Length BFL (mm): 48.10
Substrate:  Coherent® Infrared ZnSe
Asphere Figure Error, RMS @ 632.8nm: λ/2
Coating: Uncoated
Centering (arcmin): ≤3
Centering, ETD (μm): ≤12.7
Surface Quality: 40-20
Clear Aperture CA (mm): 45.72
Edge Thickness ET (mm): 2.08
Center Thickness CT (mm): 6.50 ±0.10
f/#: 1
Bevel: Protective bevel as needed
Shape of Back Surface: Plano
Type: Aspheric Lens
Wavelength Range (nm): 600 - 18000
Conjugate Distance: Infinite
Surface Roughness (Angstroms): <50 RMS
Power (P-V) @ 10.6μm: λ/10
Power (P-V) @ 632.8nm: λ/10

Regulatory Compliance

RoHS 2015: Compliant
Reach 224: Compliant
Certificate of Conformance: View