

TECHSPEC[®] 50.8mm Dia. x 50.8mm FL, 8-12μm AR Coated, ZnSe Aspheric Lens

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TECHSPEC Zinc Selenide (ZnSe) Aspheric Lenses

Stock #39-518 3-4 DAYS

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1



£1,878.50

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Qty 1-10

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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: <i>N</i> 2
Coating: BBAR (8000-12000nm)
Coating Specification: R _{avg} <0.5% @ 8 - 12μm
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): 8000 - 12000
Conjugate Distance: Infinite
Surface Roughness (Angstroms): <50 RMS
Power (P-V) @ 10.6μm: <i>N</i> 10
Power (P-V) @ 632.8nm: <i>N</i> 10

Regulatory Compliance

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