

TECHSPEC[®]

50mm Dia., 0.50 Numerical Aperture, 350-700nm Coated, Precision Aspheric Lens



TECHSPEC[®] Precision Aspheric Lenses

Stock #23-021 3-5 DAYS

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− 1 +

A\$992.00

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Qty 1-5

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Diameter (mm):
50.00 +0.00/-0.025

Effective Focal Length EFL (mm):
50.00 @ 587.6nm

Numerical Aperture NA:
0.50

Back Focal Length BFL (mm): 42.77
Substrate: N-SF6
Asphere Figure Error, RMS @ 632.8nm: 0.4λ
Coating: VIS-EXT+ (350-700nm)
Coating Specification: R _{avg} <0.5% @ 350 - 700nm @ ±30° AOI R _{abs} <1.5% @ 350 - 700nm @ ±30° AOI
Centering (arcmin): <3
Surface Quality: 40-20
Clear Aperture CA (mm): 45.00
Edge Thickness ET (mm): 5.08
Center Thickness CT (mm): 13.06 ±0.10
f#: 1.00
Bevel: Protective bevel as needed
Shape of Back Surface: Plano
Type: Aspheric Lens
Wavelength Range (nm): 350 - 700
Conjugate Distance: Infinite
Power (diopters): 20.00

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 233: Compliant