

TECHSPEC[®] 50mm Dia., 0.83 Numerical Aperture NIR Coated, Aspheric Lens



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£654.50

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Diameter (mm):
50.00 +0.0/-0.1

Effective Focal Length EFL (mm):
30.00 @ 587.6nm

Numerical Aperture NA:

0.83
Back Focal Length BFL (mm): 18.04
Substrate: ☐ N-SF5
Aspheric Design Wavelength (nm): 587.6
Asphere Figure Error, RMS @ 632.8nm: 1.2λ
Coating: BBAR (600-1050nm)
Coating Specification: R _{avg} ≤1.5% @ 600 - 1050nm
Centering (arcmin): ≤5
Surface Quality: 60-40
Clear Aperture CA (mm): 45
Edge Thickness ET (mm): 1.44
Center Thickness CT (mm): 20.00 ±0.1
f/#: 0.6
Bevel: Protective bevel as needed
Shape of Back Surface: Plano
Type: Aspheric Lens
Wavelength Range (nm): 600 - 1050
Conjugate Distance: Infinite
Power (diopters): 33.33

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 235: Compliant