

TECHSPEC®

50mm Dia., 0.83 Numerical Aperture, 600-1050nm Coated, Precision Aspheric Lens



TECHSPEC® Precision Aspheric Lenses

Stock **#16-990** ☐ In Stock

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1

C\$1,120.00

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Diameter (mm):
50.00 +0.00/-0.025

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

Numerical Aperture NA:
0.83

Back Focal Length BFL (mm): 18.06
Substrate: N-SF6
Asphere Figure Error, RMS @ 632.8nm: 0.4λ
Coating: NIR+ (600-1050nm)
Coating Specification: R _{avg} <0.5% @ 600 - 1050nm @ ±30° AOI R _{abs} <1.5% @ 600 - 1050nm @ ±30° AOI
Centering (arcmin): <3
Surface Quality: 40-20
Clear Aperture CA (mm): 45.00
Edge Thickness ET (mm): 7.35
Center Thickness CT (mm): 21.56 ±0.10
f/#: 0.60
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 233: Compliant