

TECHSPEC® 50mm Dia., 0.63 NA, 900-1700nm Coated, NIR Aspheric Lens



TECHSPEC® Near-Infrared (NIR) Aspheric Lenses

Stock **#16-300** 3-4 DAYS

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€560,00

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Qty 1-5

€560,00

Qty 6+

€448,00

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Diameter (mm):
50.00 +0.00/-0.10

Effective Focal Length EFL (mm):
40.00 @ 780nm

Numerical Aperture NA:

0.63
Back Focal Length BFL (mm): 31.28
Substrate: S-LAH64
Aspheric Design Wavelength (nm): 780
Asphere Figure Error, RMS @ 632.8nm: 1.2λ
Coating: SWIR+ (900-1700nm)
Coating Specification: R _{avg} < 0.5% @ 900 - 1700nm @ 0° ±30° AOI R _{abs} < 1% @ 900 - 1700nm @ 0° ±30° AOI
Centering (arcmin): <3
Surface Quality: 40-20
Clear Aperture CA (mm): 45
Edge Thickness ET (mm): 4.90
Center Thickness CT (mm): 15.50 ±0.10
f/#: 0.80
Bevel: Protective bevel as needed
Shape of Back Surface: Plano
Type: Aspheric Lens
Wavelength Range (nm): 900 - 1700
Conjugate Distance: Infinite
Power (diopters): 25.00

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View