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SUBMIT

TECHSPEC® 50mm Dia., 0.25 NA, 900-1700nm Coated, NIR Aspheric Lens



TECHSPEC® Near-Infrared (NIR) Aspheric Lenses

Stock #16-301 3-4 DAYS

[Other Coating Options](#)



1



€560,00

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Qty 1-5

€560,00

Qty 6+

€448,00

Volume Pricing

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Diameter (mm):
50.00 +0.00/-0.10

Effective Focal Length EFL (mm):
100.00 @ 780nm

Numerical Aperture NA:

0.25
Back Focal Length BFL (mm): 93.39
Substrate: N-BK7
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): 3.73
Center Thickness CT (mm): 10.00 ±0.10
f/#: 2.00
Bevel: Protective bevel as needed
Shape of Back Surface: Plano
Type: Aspheric Lens
Wavelength Range (nm): 900 - 1700
Conjugate Distance: Infinite
Power (diopters): 10.00

Regulatory Compliance

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