

TECHSPEC® 45mm Dia., 0.70 NA, 900-1700nm Coated, NIR Aspheric Lens



TECHSPEC® Near-Infrared (NIR) Aspheric Lenses

Stock **#16-299** 3-4 DAYS

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€475,00

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Qty 1-5

€475,00

Qty 6+

€380,00

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Diameter (mm):
45.00 +0.00/-0.10

Effective Focal Length EFL (mm):
32.00 @ 780nm

Numerical Aperture NA:

0.70
Back Focal Length BFL (mm): 24.18
Substrate: S-LAH64
Aspheric Design Wavelength (nm): 780
Asphere Figure Error, RMS @ 632.8nm: 1.2λ
Coating: SWIR+ (900-1700nm)
Coating Specification: Ravg < 0.5% @ 900 - 1700nm @ 0° ±30° AOI Rabs < 1% @ 900 - 1700nm @ 0° ±30° AOI
Centering (arcmin): <3
Surface Quality: 40-20
Clear Aperture CA (mm): 40.5
Edge Thickness ET (mm): 3.02
Center Thickness CT (mm): 13.90 ±0.10
f/#: 0.71
Bevel: Protective bevel as needed
Shape of Back Surface: Plano
Type: Aspheric Lens
Wavelength Range (nm): 900 - 1700
Conjugate Distance: Infinite
Power (diopters): 31.25

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View