

TECHSPEC®

50mm Dia., 0.83 Numerical Aperture, 900-1700nm Coated, Inked, High Precision Aspheric Lens



TECHSPEC® Precision Aspheric Lenses

Stock **#17-012-INK** [CONTACT US](#)

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1



€800,00

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Qty 1-5

€800,00

Qty 6+

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Diameter (mm):

50.00 ±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: SWR+ (900-1700nm)
Coating Specification: R _{avg} <0.5% @ 900 - 1700nm @ ±30° AOI R _{abs} <1.5% @ 900 - 1700nm @ ±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): 900 - 1700
Conjugate Distance: Infinite

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View