

TECHSPEC[®] 15mm Dia. x 50mm FL, VIS-NIR, Inked, Achromatic Lens



Stock **#49-337-INK** 10-15 DAYS
[Other Coating Options](#)

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1

+

A\$179.20

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Qty 1-5
A\$179.20
Qty 6+
A\$143.20
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Diameter (mm):
15.00 ±0.025

Effective Focal Length EFL (mm):
50.00

Focal Length Tolerance (%): ±1
Back Focal Length BFL (mm): 46.17
Focal Length Specification Wavelength (nm): 587.6
Clear Aperture CA (mm): 14.00
Centering (arcmin): <1
Center Thickness CT (mm): 6.50 ±0.20
Center Thickness CT 1 (mm): 5.00 ±0.10
Center Thickness CT 2 (mm): 1.50 ±0.10
Radius R₁ (mm): 26.81
Radius R₂ (mm): -23.82
Radius R₃ (mm): -90.79
Edge Thickness ET (mm): 5.12
Substrate: ☐ N-BK7 / N-SF5
Surface Quality: 40-20
f/#: 3.33
Numerical Aperture NA: 0.15
Coating: VIS-NIR (400-1000nm)
Coating Specification: R _{abs} ≤0.25% @ 880nm R _{avg} ≤1.25% @ 400 - 870nm R _{avg} ≤1.25% @ 890 - 1000nm
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4
Bevel: Protective bevel as needed
Type: Achromatic Lens
Wavelength Range (nm): 400 - 1000

Regulatory Compliance

RoHS 2015: Compliant
Reach 219: Compliant
Certificate of Conformance: View