

TECHSPEC® 50mm Dia. x 100mm FL, VIS-NIR, Inked, Achromatic Lens



Stock **#49-390-INK** 3-5 DAYS

[Other Coating Options](#)

- 1 + **A\$326.40**

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Qty 1-5
A\$326.40
Qty 6+
A\$261.20
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Diameter (mm):
50.00 ±0.025

Effective Focal Length EFL (mm):
100.00

Focal Length Tolerance (%) : ±1
Back Focal Length BFL (mm) : 89.94
Focal Length Specification Wavelength (nm) : 587.6
Clear Aperture CA (mm) : 49.00
Centering (arcmin) : <1
Center Thickness CT (mm) : 17.92 ±0.20
Center Thickness CT 1 (mm) : 13.92 ±0.10
Center Thickness CT 2 (mm) : 4.00 ±0.10
Radius R₁ (mm) : 69.28
Radius R₂ (mm) : -46.95
Radius R₃ (mm) : -446.01
Edge Thickness ET (mm) : 12.55
Substrate : ☐ N-BAF10 / N-SF10
Surface Quality : 40-20
f/# : 2.00
Numerical Aperture NA : 0.25
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 201 : Compliant
Certificate of Conformance : View