

TECHSPEC® 6.25mm Dia. x 50mm FL, VIS-NIR, Inked, Achromatic Lens



Stock **#49-311-INK** 3-5 DAYS
[Other Coating Options](#)

- 1 + **C\$114.80**

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Qty 1-5
C\$114.80
Qty 6+
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Diameter (mm):
6.25 ±0.025

Effective Focal Length EFL (mm):
50.00

Focal Length Tolerance (%) : ±1
Back Focal Length BFL (mm) : 48.61
Focal Length Specification Wavelength (nm) : 587.6
Clear Aperture CA (mm) : 5.625
Centering (arcmin) : <1
Center Thickness CT (mm) : 3.00 ±0.10
Center Thickness CT 1 (mm) : 2.00 ±0.05
Center Thickness CT 2 (mm) : 1.00 ±0.05
Radius R₁ (mm) : 30.77
Radius R₂ (mm) : -22.05
Radius R₃ (mm) : -64.60
Edge Thickness ET (mm) : 2.77
Substrate : ☐ N-BK7 / N-SF5
Surface Quality : 40-20
f/# : 8.00
Numerical Aperture NA : 0.06
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 : Compliant
Certificate of Conformance : View