

TECHSPEC®

6.25mm Dia. x 40mm FL, VIS-NIR, Inked, Achromatic Lens



Stock **#49-310-INK** [CONTACT US](#)

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1



A\$131.20

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Qty 1-5

A\$131.20

Qty 6+

A\$104.80

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Diameter (mm):
6.25 ±0.025

Effective Focal Length EFL (mm):
40.00

Focal Length Tolerance (%) : ±1
Back Focal Length BFL (mm) : 38.46
Focal Length Specification Wavelength (nm) : 587.6
Clear Aperture CA (mm) : 5.625
Centering (arcmin) : <1
Center Thickness CT (mm) : 3.30 ±0.10
Center Thickness CT 1 (mm) : 2.30 ±0.05
Center Thickness CT 2 (mm) : 1.00 ±0.05
Radius R₁ (mm) : 25.05
Radius R₂ (mm) : -17.27
Radius R₃ (mm) : -49.33
Edge Thickness ET (mm) : 3.01
Substrate : ☐ N-BK7 / N-SF5
Surface Quality : 40-20
f/# : 6.4
Numerical Aperture NA : 0.08
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