

TECHSPEC® 40mm Dia. x 160mm FL, VIS-NIR, Inked, Achromatic Lens



Stock **#49-382-INK** 3-5 DAYS
[Other Coating Options](#)

- 1 + **C\$266.00**

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Qty 1-5
C\$266.00
Qty 6+
C\$212.80
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Diameter (mm):
40.00 ±0.025

Effective Focal Length EFL (mm):
160.00

Focal Length Tolerance (%) : ±1
Back Focal Length BFL (mm) : 154.10
Focal Length Specification Wavelength (nm) : 587.6
Clear Aperture CA (mm) : 39.00
Centering (arcmin) : <1
Center Thickness CT (mm) : 12.50 ±0.20
Center Thickness CT 1 (mm) : 8.50 ±0.10
Center Thickness CT 2 (mm) : 4.00 ±0.10
Radius R₁ (mm) : 98.66
Radius R₂ (mm) : -70.73
Radius R₃ (mm) : -205.72
Edge Thickness ET (mm) : 9.48
Substrate : ☐ N-BK7 / N-SF5
Surface Quality : 40-20
f/# : 4.00
Numerical Aperture NA : 0.13
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