

TECHSPEC® 75mm Dia. x 300mm FL, VIS-NIR, Inked, Achromatic Lens



Stock **#88-597-INK** 3-5 DAYS

[Other Coating Options](#)



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C\$521.50

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Qty 1-5
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Diameter (mm):
75.00 ±0.025

Effective Focal Length EFL (mm):
300.00

Focal Length Tolerance (%) : ±1
Back Focal Length BFL (mm) : 290.62
Focal Length Specification Wavelength (nm) : 587.6
Clear Aperture CA (mm) : 73.5
Centering (arcmin) : <1
Center Thickness CT (mm) : 19.59 ±0.20
Center Thickness CT 1 (mm) : 13.59 ±0.10
Center Thickness CT 2 (mm) : 6.00 ±0.10
Radius R₁ (mm) : 184.05
Radius R₂ (mm) : -137.34
Radius R₃ (mm) : -399.33
Edge Thickness ET (mm) : 13.97
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 : Compliant
Certificate of Conformance : View