

TECHSPEC® 50mm Dia. x 150mm FL, NIR II Coated, Achromatic Lens



Stock **#47-318** ☐ In Stock

1 **C\$373.80**

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Qty 1-5

C\$373.80

Qty 6+

C\$298.90

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Diameter (mm):
50.00 +0.0/-0.025

Effective Focal Length EFL (mm):
150.00

Focal Length Tolerance (%) : ±1
Back Focal Length BFL (mm) : 139.87
Focal Length Specification Wavelength (nm) : 880.00
Clear Aperture CA (mm) : 49.00
Centering (arcmin) : <1
Center Thickness CT (mm) : 16.50 ±0.20
Center Thickness CT 1 (mm) : 11.00 ±0.10
Center Thickness CT 2 (mm) : 5.50 ±0.10
Radius R₁ (mm) : 86.84
Radius R₂ (mm) : -86.84
Radius R₃ (mm) : -894.70
Edge Thickness ET (mm) : 12.47
Substrate : ☐ N-LAK22 / N-SF6
Surface Quality : 40-20
f/# : 3.00
Numerical Aperture NA : 0.17
Coating : NIR II (750-1550nm)
Coating Specification : R _{abs} ≤1.5% @ 750 - 800nm R _{abs} ≤1.0% @ 800 - 1550nm R _{avg} ≤0.7% @ 750 - 1550nm
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) : 750 - 1550

Regulatory Compliance

RoHS 2015 : Compliant
Reach 224 : Compliant
Certificate of Conformance : View