

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



Stock **#49-311** ☐ In Stock
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1 **C\$100.80**

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Diameter (mm):
6.25 +0.0/-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 2015: Compliant
Certificate of Conformance: View
Reach 235: Compliant