

TECHSPEC® 5mm Dia. x 10mm FL, VIS-NIR Coated, Achromatic Lens



Stock **#49-300** ☐ In Stock
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1 **C\$121.80**

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Diameter (mm):
5.00 +0.0/-0.025

Effective Focal Length EFL (mm):
10.00

Focal Length Tolerance (%) : ±1
Back Focal Length BFL (mm) : 8.56
Focal Length Specification Wavelength (nm) : 587.6
Clear Aperture CA (mm) : 4.5
Centering (arcmin) : <3
Center Thickness CT (mm) : 2.76 ±0.10
Center Thickness CT 1 (mm) : 1.73 ±0.05
Center Thickness CT 2 (mm) : 1.03 ±0.05
Radius R₁ (mm) : 7.17
Radius R₂ (mm) : -4.39
Radius R₃ (mm) : -33.96
Edge Thickness ET (mm) : 2.22
Substrate : ☐ N-BAF10 / N-SF10
Surface Quality : 40-20
f/# : 2.00
Numerical Aperture NA : 0.25
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 219 : Compliant
Certificate of Conformance : View