

TECHSPEC[®] 12.7mm Dia. x 25.4mm FL, VIS-NIR Coated, Achromatic Lens



Stock #49-786 3-5 DAYS

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1

+

A\$137.60

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Diameter (mm):
12.70 +0.0/-0.025

Effective Focal Length EFL (mm):
25.40

Focal Length Tolerance (%) : ±1
Back Focal Length BFL (mm) : 22.45
Focal Length Specification Wavelength (nm) : 587.6
Clear Aperture CA (mm) : 11.70
Centering (arcmin) : <1
Center Thickness CT (mm) : 5.75 ±0.20
Center Thickness CT 1 (mm) : 4.00 ±0.10
Center Thickness CT 2 (mm) : 1.75 ±0.10
Radius R₁ (mm) : 16.77
Radius R₂ (mm) : -13.63
Radius R₃ (mm) : -50.73
Edge Thickness ET (mm) : 4.10
Substrate: ☐ N-SSK6 / N-SF56
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

Reach 181: Compliant
RoHS 2015: Compliant
Certificate of Conformance: View