

TECHSPEC®

25.4mm Dia. x 38.1mm FL, VIS-NIR Coated, Achromatic Lens



Stock **#49-791**

3-4 DAYS

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1

+

£100.30

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Diameter (mm):
25.40 +0.0/-0.025

Effective Focal Length EFL (mm):

38.10
Focal Length Tolerance (%) : ±1
Back Focal Length BFL (mm) : 30.77
Focal Length Specification Wavelength (nm) : 587.6
Clear Aperture CA (mm) : 24.40
Centering (arcmin) : <1
Center Thickness CT (mm) : 13.50 ±0.20
Center Thickness CT 1 (mm) : 10.50 ±0.10
Center Thickness CT 2 (mm) : 3.00 ±0.10
Radius R₁ (mm) : 26.37
Radius R₂ (mm) : -20.43
Radius R₃ (mm) : -101.75
Edge Thickness ET (mm) : 9.44
Substrate: ☐ N-BAF10 / N-SF6
Surface Quality : 40-20
f/# : 1.5
Numerical Aperture NA : 0.33
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