

TECHSPEC® 25.4mm Dia. x 101.6mm FL, VIS-NIR Coated, Achromatic Lens



Stock **#49-796** 3-4 DAYS

[Other Coating Options](#)

- 1 + **£100.30**

ADD TO CART

Qty 1-5
£100.30
Qty 6+
£80.33
Volume Pricing
Request Quote

ⓘ Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Diameter (mm):
25.40 +0.0/-0.025

Effective Focal Length EFL (mm):

101.60
Focal Length Tolerance (%) : ±1
Back Focal Length BFL (mm) : 97.72
Focal Length Specification Wavelength (nm) : 587.6
Clear Aperture CA (mm) : 24.4
Centering (arcmin) : <1
Center Thickness CT (mm) : 8.00 ±0.20
Center Thickness CT 1 (mm) : 5.00 ±0.10
Center Thickness CT 2 (mm) : 3.00 ±0.10
Radius R₁ (mm) : 66.33
Radius R₂ (mm) : -47.95
Radius R₃ (mm) : -178.05
Edge Thickness ET (mm) : 6.32
Substrate: ☐ N-BAK1 / N-SF15
Surface Quality : 40-20
f/# : 4.06
Numerical Aperture NA : 0.12
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