

TECHSPEC® 25mm Dia. x 175mm FL , VIS 0° Coated, Achromatic Lens



Stock **#47-644** 3-4 DAYS

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1

+

£93.50

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Qty 1-5

£93.50

Qty 6+

£74.80

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Diameter (mm):
25.00 +0.0/-0.025

Effective Focal Length EFL (mm):

175.00
Focal Length Tolerance (%): ±1
Back Focal Length BFL (mm): 170.84
Focal Length Specification Wavelength (nm): 587.6
Clear Aperture CA (mm): 24.00
Centering (arcmin): <1
Center Thickness CT (mm): 9.00 ±0.20
Center Thickness CT 1 (mm): 6.00 ±0.10
Center Thickness CT 2 (mm): 3.00 ±0.10
Radius R ₁ (mm): 109.16
Radius R ₂ (mm): -79.38
Radius R ₃ (mm): -226.03
Edge Thickness ET (mm): 7.94
Substrate: N-BK7 / N-SF5
Surface Quality: 40-20
f/#: 7.00
Numerical Aperture NA: 0.07
Coating: VIS 0° (425-675nm)
Coating Specification: R _{avg} ≤0.4% @ 425 - 675nm
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): 425 - 675

Regulatory Compliance

RoHS 2015: Compliant
Reach 219: Compliant
Certificate of Conformance: View