

TECHSPEC® 25.4mm Dia. x 101.6mm FL, MgF₂ Coated, Achromatic Doublet Lens



MgF₂ Coated Achromatic Lenses



Stock **#49-770** 3-4 DAYS

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- 1 + **£89.25**

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Qty 1-5
£89.25
Qty 6+
£71.40
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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): 24.40
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/#: 4.00
Numerical Aperture NA: 0.13
Coating: MgF ₂ (400-700nm)
Coating Specification: R _{avg} ≤1.75% @400 - 700nm
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 - 700

Regulatory Compliance

RoHS 2015: Compliant
Reach 224: Compliant
Certificate of Conformance: View