

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



MgF₂ Coated Achromatic Lenses



Stock **#49-770** ☐ In Stock

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-

1

+

C\$147.00

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Qty 1-5

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Qty 6+

C\$117.60

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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