

TECHSPEC[®] 12.7mm Dia. x 25.4mm FL, MgF₂ Coated, Achromatic Doublet Lens



MgF₂ Coated Achromatic Lenses



Stock **#49-760** ☐ In Stock

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-

1

+

£64.60

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Qty 1-5

£64.60

Qty 6+

£51.64

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Diameter (mm):
12.70 +0.0/-0.025

Effective Focal Length EFL (mm): 25.40
Focal Length Tolerance (%): ±1
Back Focal Length BFL (mm): 22.45
Focal Length Specification Wavelength (nm): 587.6
Clear Aperture CA (mm): 11.70
Centering (arcmin): <1
Center Thickness CT (mm): 5.75 ±0.20
Center Thickness CT 1 (mm): 4.00 ±0.10
Center Thickness CT 2 (mm): 1.75 ±0.10
Radius R₁ (mm): 16.77
Radius R₂ (mm): -13.63
Radius R₃ (mm): -50.73
Edge Thickness ET (mm): 4.10
Substrate: N-SSK3 / N-SF56
Surface Quality: 40-20
f/#: 2.00
Numerical Aperture NA: 0.25
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