

TECHSPEC® 12.5mm Dia. x 15mm FL, MgF₂ Coated, Achromatic Doublet Lens



MgF₂ Coated Achromatic Lenses



Stock **#63-700** 3-4 DAYS

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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):
12.50 +0.0/-0.025

Effective Focal Length EFL (mm): 15.00
Focal Length Tolerance (%): ±1
Back Focal Length BFL (mm): 10.82
Focal Length Specification Wavelength (nm): 587.6
Clear Aperture CA (mm): 11.50
Centering (arcmin): <1
Center Thickness CT (mm): 7.00 ±0.10
Center Thickness CT 1 (mm): 6.00 ±0.05
Center Thickness CT 2 (mm): 1.00 ±0.05
Radius R₁ (mm): 9.55
Radius R₂ (mm): -8.60
Radius R₃ (mm): -48.50
Edge Thickness ET (mm): 4.27
Substrate: N-LAK22 / N-SF6
Surface Quality: 40-20
f/#: 1.2
Numerical Aperture NA: 0.42
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