

TECHSPEC® 25mm Dia. x 30mm FL, MgF₂ Coated, Achromatic Doublet Lens



MgF₂ Coated Achromatic Lenses



Stock **#45-211** ☐ In Stock

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1

C\$149.80

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Qty 1-5

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Qty 6+

C\$119.70

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Diameter (mm):
25.00 +0.0/-0.025

Effective Focal Length EFL (mm):

30.00
Focal Length Tolerance (%): ±1
Back Focal Length BFL (mm): 22.23
Focal Length Specification Wavelength (nm): 587.6
Clear Aperture CA (mm): 24.00
Centering (arcmin): <1
Center Thickness CT (mm): 14.04 ±0.20
Center Thickness CT 1 (mm): 11.04 ±0.10
Center Thickness CT 2 (mm): 3.00 ±0.10
Radius R ₁ (mm): 21.17
Radius R ₂ (mm): -16.08
Radius R ₃ (mm): -118.66
Edge Thickness ET (mm): 9.30
Substrate:  N-BAF10 / N-SF10
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