

TECHSPEC® 9mm Dia. x 9mm FL, MgF₂ Coated, Achromatic Doublet Lens



MgF₂ Coated Achromatic Lenses



Stock **#65-549** 3-5 DAYS

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⊖ 1 ⊕

A\$145.60

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Qty 1-5

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Qty 6+

A\$116.40

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Diameter (mm):
9.00 +0.0/-0.025

Effective Focal Length EFL (mm):

9.00
Focal Length Tolerance (%): ±1
Back Focal Length BFL (mm): 4.92
Focal Length Specification Wavelength (nm): 587.6
Clear Aperture CA (mm): 8.1
Centering (arcmin): <3
Center Thickness CT (mm): 8.15 ±0.10
Center Thickness CT 1 (mm): 6.35 ±0.05
Center Thickness CT 2 (mm): 1.80 ±0.05
Radius R ₁ (mm): 6.87
Radius R ₂ (mm): -5.00
Radius R ₃ (mm): -14.16
Edge Thickness ET (mm): 5.73
Substrate:  N-BASF64 / N-SF66
Surface Quality: 40-20
f/#: 1.00
Numerical Aperture NA: 0.50
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