

TECHSPEC[®] 9mm Dia. x 45mm FL, MgF₂ Coated, Achromatic Doublet Lens



MgF₂ Coated Achromatic Lenses



Stock **#45-347** 3-5 DAYS

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1

+

A\$107.20

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Qty 1-5

A\$107.20

Qty 6+

A\$85.60

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Diameter (mm):
9.00 +0.0/-0.025

Effective Focal Length EFL (mm):

45.00
Focal Length Tolerance (%) : ±1
Back Focal Length BFL (mm) : 42.97
Focal Length Specification Wavelength (nm) : 587.6
Clear Aperture CA (mm) : 8.1
Centering (arcmin) : <1
Center Thickness CT (mm) : 4.30 ±0.10
Center Thickness CT 1 (mm) : 3.00 ±0.05
Center Thickness CT 2 (mm) : 1.30 ±0.05
Radius R₁ (mm) : 27.83
Radius R₂ (mm) : -19.75
Radius R₃ (mm) : -57.06
Edge Thickness ET (mm) : 3.76
Substrate: N-BK7 / N-SF5
Surface Quality : 40-20
f/# : 5.00
Numerical Aperture NA : 0.10
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