

TECHSPEC® 75mm Dia. x 150mm FL, MgF₂ Coated, Achromatic Doublet Lens



MgF₂ Coated Achromatic Lenses



Stock **#33-919** 3-5 DAYS

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- 1 +

S\$435.00

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Qty 1-5

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S\$348.00

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Diameter (mm):
75.00 +0.000/-0.025

Effective Focal Length EFL (mm):

150.00
Focal Length Tolerance (%): ±1
Back Focal Length BFL (mm): 126.46
Focal Length Specification Wavelength (nm): 587.6
Clear Aperture CA (mm): 73.5
Centering (arcmin): <1
Center Thickness CT (mm): 46.30 ±0.20
Center Thickness CT 1 (mm): 23.20 ±0.10
Center Thickness CT 2 (mm): 23.10 ±0.10
Radius R ₁ (mm): 92.05
Radius R ₂ (mm): -72.85
Radius R ₃ (mm): -305.87
Edge Thickness ET (mm): 36.01
Substrate:  N-BAK1 / N-SF8
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