

TECHSPEC® 25mm Dia. x 125mm FL, MgF₂ Coated, Achromatic Doublet Lens



MgF₂ Coated Achromatic Lenses



Stock **#32-492** 10 TO 12 DAYS

[Other Coating Options](#)

- 1 +

₹9,135.00

ADD TO CART

Qty 1-5

₹9,135.00

Qty 6+

₹7,308.00

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Diameter (mm):
25.00 +0.0/-0.025

Effective Focal Length EFL (mm):

125.00
Focal Length Tolerance (%): ±1
Back Focal Length BFL (mm): 120.89
Focal Length Specification Wavelength (nm): 587.6
Clear Aperture CA (mm): 24.00
Centering (arcmin): <1
Center Thickness CT (mm): 8.40 ±0.20
Center Thickness CT 1 (mm): 6.00 ±0.10
Center Thickness CT 2 (mm): 2.40 ±0.10
Radius R ₁ (mm): 76.28
Radius R ₂ (mm): -54.55
Radius R ₃ (mm): -162.43
Edge Thickness ET (mm): 6.89
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