

TECHSPEC® 12.5mm Dia. x 60mm FL, MgF₂ Coated, Inked, Achromatic Doublet Lens



MgF₂ Coated Achromatic Lenses



Stock **#45-137-INK** ☒ In Stock

[Other Coating Options](#)

⊖ 1 ⊕

€86,00

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Qty 1-5

€86,00

Qty 6+

€68,75

Volume Pricing

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Diameter (mm):
12.50 ±0.025

Effective Focal Length EFL (mm): 60.00
Focal Length Tolerance (%): ±1
Back Focal Length BFL (mm): 57.59
Focal Length Specification Wavelength (nm): 587.6
Clear Aperture CA (mm): 11.50
Centering (arcmin): <1
Center Thickness CT (mm): 5.00 ±0.10
Center Thickness CT 1 (mm): 3.50 ±0.05
Center Thickness CT 2 (mm): 1.50 ±0.05
Radius R₁ (mm): 36.51
Radius R₂ (mm): -26.33
Radius R₃ (mm): -78.35
Edge Thickness ET (mm): 4.21
Substrate: ☐ N-BK7 / N-SF5
Surface Quality: 40-20
f/#: 4.8
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: Compliant
Certificate of Conformance: View