

## TECHSPEC® 12.5mm Dia. x 60mm FL, MgF<sub>2</sub> Coated, Inked, Achromatic Doublet Lens



MgF<sub>2</sub> Coated Achromatic Lenses



Stock #45-137-INK 10-15 DAYS

[Other Coating Options](#)

⊖ 1 ⊕

**A\$137.60**

**ADD TO CART**

Qty 1-5

**A\$137.60**

Qty 6+

**A\$110.00**

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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 R<sub>1</sub> (mm):**  
36.51

**Radius R<sub>2</sub> (mm):**  
-26.33

**Radius R<sub>3</sub> (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<sub>2</sub> (400-700nm)

**Coating Specification:**  
R<sub>avg</sub> ≤ 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](#)