

## TECHSPEC® 25.4mm Dia. x 88.9mm FL, MgF<sub>2</sub> Coated, Achromatic Doublet Lens



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



Stock #49-769 3-4 DAYS

[Other Coating Options](#)

⊖ 1 ⊕ **€105,00**

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Qty 1-5

€105,00

Qty 6+

€84,00

Volume Pricing

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**Diameter (mm):**  
25.40 +0.0/-0.025

**Effective Focal Length EFL (mm):**  
88.90

**Focal Length Tolerance (%):**  
±1

**Back Focal Length BFL (mm):**  
83.96

**Focal Length Specification Wavelength (nm):**  
587.6

**Clear Aperture CA (mm):**  
24.40

**Centering (arcmin):**  
<1

**Center Thickness CT (mm):**  
10.00 ±0.20

**Center Thickness CT 1 (mm):**  
6.00 ±0.10

**Center Thickness CT 2 (mm):**  
4.00 ±0.10

**Radius R<sub>1</sub> (mm):**  
56.98

**Radius R<sub>2</sub> (mm):**  
-40.06

**Radius R<sub>3</sub> (mm):**  
-162.82

**Edge Thickness ET (mm):**  
8.07

**Substrate:**   
[N-BAK1](#) / [N-SF8](#)

**Surface Quality:**  
40-20

**f#:**  
3.5

**Numerical Aperture NA:**  
0.14

**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 2015:**  
[Compliant](#)

**Reach 224:**  
[Compliant](#)

**Certificate of Conformance:**  
[View](#)