

**TECHSPEC® 22mm CA, 35mm FL, Mounted MgF<sub>2</sub> Coated Achromatic Doublet Lens**



TECHSPEC® Mounted MgF<sub>2</sub> Coated Achromatic Lenses

Stock **#13-003** CLEARANCE **1 In Stock**

⊖ 1 ⊕ **\$\$151<sup>20</sup>**

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Volume Pricing	
Qty 1+	<b>\$\$151.20</b> each
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**General**

Achromatic Lens **Type:**

[#32-319](#) **Lens Included:**

**Physical & Mechanical Properties**

Protective as needed **Bevel:**

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

9.47	Edge Thickness ET (mm):
24.2	Extension Length (mm):
28.2	Total Length (mm):
<b>Optical Properties</b>	
35.00	Effective Focal Length EFL (mm):
<a href="#">S-BAH11 / N-SF10</a>	Substrate: <input type="checkbox"/>
1.4	f#:
0.36	Numerical Aperture NA:
MgF <sub>2</sub> (400-700nm)	Coating:
400 - 700	Wavelength Range (nm):
22.19	Back Focal Length BFL from Housing (mm):
R <sub>avg</sub> ≤ 1.75% @ 400 - 700nm	Coating Specification:
587.6	Focal Length Specification Wavelength (nm):
±2	Focal Length Tolerance (%):
24.47	Radius R <sub>1</sub> (mm):
-16.49	Radius R <sub>2</sub> (mm):
-131.65	Radius R <sub>3</sub> (mm):
40-20	Surface Quality:
1.5λ	Power (P-V) @ 632.8nm:
M4	Irregularity (P-V) @ 632.8nm:

<b>Threading &amp; Mounting</b>	
<a href="#">#56-354</a>	Mount Included:
30.0	Mount Diameter (mm):
C-Mount	Thread Type:

<b>Regulatory Compliance</b>	
<a href="#">View</a>	Certificate of Conformance:

## Product Details

- Pre-mounted in Engraved C-Mount Housings
- Simplify Integration into Optical Systems
- Less than 1.75% Reflectance per Surface @ 400 - 700nm
- Also Available [Unmounted](#)

TECHSPEC® Mounted MgF<sub>2</sub> Coated Achromatic Lenses feature our [TECHSPEC MgF<sub>2</sub> Coated Achromatic Lenses](#) pre-mounted in C-Mount housings to simplify their integration into optical systems. Designed for the visible spectrum, these lenses are coated with a single layer MgF<sub>2</sub> anti-reflection coating to increase light transmission. Each C-Mount housing is laser engraved with the stock number and focal length for easy identification. TECHSPEC Mounted MgF<sub>2</sub> Coated Achromatic Lenses are ideal for C-Mount optical systems that require on-axis spherical and chromatic aberrations to be eliminated.

## Coating Curves

## Custom

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more

- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

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