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TECHSPEC®

22mm CA, 35mm FL, Mounted MgF₂ Coated Achromatic Doublet Lens



TECHSPEC® Mounted MgF₂ Coated Achromatic Lenses

Stock

#13-003

CLEARANCE

1 In Stock

-

1

+

£86⁴⁰

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Volume Pricing	
Qty 1+	£86.40 each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Achromatic Lens	Type:
#32-319	Lens Included:

Physical & Mechanical Properties

Protective as needed	Bevel:
	Clear Aperture CA (mm):

22.0	
9.47	Edge Thickness ET (mm):
24.2	Extension Length (mm):
28.2	Total Length (mm):

Optical Properties

35.00	Effective Focal Length EFL (mm):
S-BAH11 / N-SF10	Substrate: □
1.4	f/#:
0.36	Numerical Aperture NA:
MgF ₂ (400-700nm)	Coating:
400 - 700	Wavelength Range (nm):
22.19	Back Focal Length BFL from Housing (mm):
R _{avg} ≤1.75% @ 400 - 700nm	Coating Specification:
587.6	Focal Length Specification Wavelength (nm):
±2	Focal Length Tolerance (%):
24.47	Radius R ₁ (mm):
-16.49	Radius R ₂ (mm):
-131.65	Radius R ₃ (mm):
40-20	Surface Quality:
1.5λ	Power (P-V) @ 632.8nm:
λ/4	Irregularity (P-V) @ 632.8nm:

Threading & Mounting

#56-354	Mount Included:
30.0	Mount Diameter (mm):
C-Mount	Thread Type:

Regulatory Compliance

View	Certificate of Conformance:
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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](#).

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 MgF₂ Coated Achromatic Lenses feature our [TECHSPEC MgF₂ 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 MgF₂ 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 MgF₂ Coated Achromatic Lenses are ideal for C-Mount optical systems that require on-axis spherical and chromatic aberrations to be eliminated.

Coating Curves

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