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TECHSPEC® 12.5mm Dia x -20mm FL VIS 0°, Inked, Negative Achromatic Lens



Stock **#62-485-INK** [CONTACT US](#)

[Other Coating Options](#)

1 MRP ₹11,682

Price inclusive of all taxes

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Volume Pricing

Qty 1-5	₹11,682 each
Qty 6-25	₹9,930 each
Qty 26-49	₹9,346 each
Need More?	Request Quote

Product Downloads

General

Negative Achromatic Lens **Type:**

Physical & Mechanical Properties

Diameter (mm):

12.50 ±0.025	
11.50	Clear Aperture CA (mm):
<1	Centering (arcmin):
5.50 ±0.10	Center Thickness CT (mm):
2.00 ±0.05	Center Thickness CT 1 (mm):
3.50 ±0.05	Center Thickness CT 2 (mm):
7.01	Edge Thickness ET (mm):
Protective as needed	Bevel:

Optical Properties

-20.00	Effective Focal Length EFL (mm):
±1	Focal Length Tolerance (%):
-22.88	Back Focal Length BFL (mm):
587.6	Focal Length Specification Wavelength (nm):
-13.80	Radius R₁ (mm):
9.99	Radius R₂ (mm):
109.48	Radius R₃ (mm):
N-BAF10 / N-SF10	Substrate: <input type="checkbox"/>
40-20	Surface Quality:
1.6	f#:
0.31	Numerical Aperture NA:
MS 0° (425-675nm)	Coating:
R _{avg} ≤0.4% @ 425 - 675nm	Coating Specification:
1.5λ	Power (P-V) @ 632.8nm:
λ/4	Irregularity (P-V) @ 632.8nm:
425 - 675	Wavelength Range (nm):

Regulatory Compliance

View	Certificate of Conformance:
Japan	Country of Origin:
Edmund Optics India Private Limited 267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038 Phone: +91- 80-6845 0000	Imported By:

Need different specs or modifications?

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

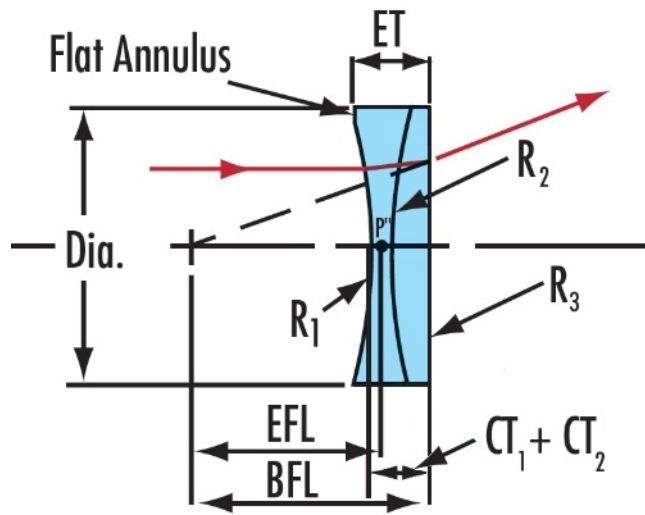
Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

Product Details

- MS 0° and MS-NIR Coatings
- 6.25 – 25mm Diameter Options
- [MgF₂ Coated Negative Achromatic Lenses](#) also Available

TECHSPEC® Broadband AR Coated Negative Achromatic Lenses are corrected for color and on-axis aberrations. These lenses, consisting of two optical elements cemented together, are commonly used as Barlow lenses to extend focal lengths. The achromatic lenses are available in various diameter sizes and MS 0° or MS-NIR coating options. TECHSPEC® Broadband AR Coated Negative Achromatic Lenses are offered in 6.25 - 25mm diameter options. [MgF₂ Coated Negative Achromatic Lenses](#) are also available.

Technical Information



Coating Curves

Compatible Mounts