

TECHSPEC[®] 6.25mm Dia x -10mm FL VIS-NIR Coated, Negative Achromatic Lens



Stock **#85-877** 20+ In Stock

☐ [Other Coating Options](#)

-

1

+

A\$132^{.66}

ADD TO CART

Volume Pricing	
Qty 1-5	A\$132.66 each
Qty 6-25	A\$113.71 each
Qty 26-49	A\$105.47 each
Need More?	Request Quote

Product Downloads

SPECIFICATIONS

General

Type:

Negative Achromatic Lens	
Physical & Mechanical Properties	
6.25 +0.0/-0.025	Diameter (mm):
5.6	Clear Aperture CA (mm):
<3	Centering (arcmin):
3.50 ±0.10	Center Thickness CT (mm):
1.00 ±0.05	Center Thickness CT 1 (mm):
2.5 ±0.05	Center Thickness CT 2 (mm):
4.2	Edge Thickness ET (mm):
Protective as needed	Bevel:

Optical Properties	
-10.00	Effective Focal Length EFL (mm):
±1	Focal Length Tolerance (%):
-11.92	Back Focal Length BFL (mm):
587.6	Focal Length Specification Wavelength (nm):
6.54	Radius R ₁ (mm):
5.10	Radius R ₂ (mm):
89.10	Radius R ₃ (mm):
N-BAF10 / N-SF10	Substrate: ☐
40-20	Surface Quality:
1.6	f/#:
0.31	Numerical Aperture NA:
VIS-NIR (400-1000nm)	Coating:
R _{avg} ≤1.25% @ 400 - 870nm R _{avg} ≤1.25% @ 890 - 100nm R _{abs} ≤0.25% @ 880nm	Coating Specification:
1.5λ	Power (P-V) @ 632.8nm:
λ/4	Irregularity (P-V) @ 632.8nm:
400 - 1000	Wavelength Range (nm):

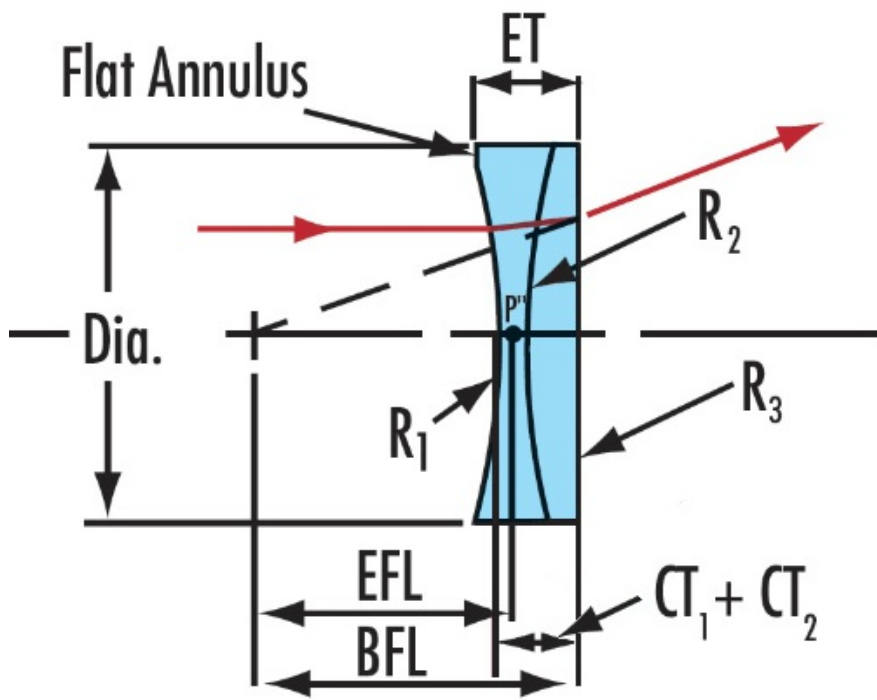
Regulatory Compliance	
Compliant	RoHS 2015:
Compliant	Reach 219:
View	Certificate of Conformance:

PRODUCT DETAILS

- VIS 0° and VIS-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 VIS 0° or VIS-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

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](#).

COMPATIBLE MOUNTS