

**TECHSPEC® 6.25mm Dia. x 60mm FL, VIS 0°, Inked, Achromatic Lens**



Stock **#47-698-INK** **1 In Stock**

[Other Coating Options](#)

⊖ 1 ⊕ C\$120<sup>40</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-5	C\$120.40 each
Qty 6-25	C\$96.60 each
Qty 26-49	C\$90.30 each
Need More?	<a href="#">Request Quote</a>

Product Downloads

**General**

Achromatic Lens **Type:**

**Physical & Mechanical Properties**

6.25 ±0.025 **Diameter (mm):**

5.625	Clear Aperture CA (mm):
<1	Centering (arcmin):
3.30 ±0.10	Center Thickness CT (mm):
2.30 ±0.05	Center Thickness CT 1 (mm):
1.00 ±0.05	Center Thickness CT 2 (mm):
3.10	Edge Thickness ET (mm):
Protective as needed	Bevel:

## Optical Properties

60.00	Effective Focal Length EFL (mm):
±1	Focal Length Tolerance (%):
58.46	Back Focal Length BFL (mm):
587.6	Focal Length Specification Wavelength (nm):
37.16	Radius R <sub>1</sub> (mm):
-26.28	Radius R <sub>2</sub> (mm):
-76.48	Radius R <sub>3</sub> (mm):
<a href="#">N-BK7 / N-SF5</a>	Substrate: <input type="checkbox"/>
40-20	Surface Quality:
9.6	f#:
0.05	Numerical Aperture NA:
VIS 0° (425-675nm)	Coating:
R <sub>avg</sub> ≤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

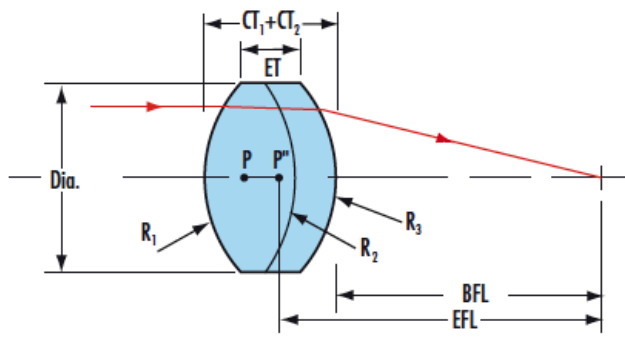
<a href="#">View</a>	Certificate of Conformance:
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## Product Details

- Designed for 0° Angle of Incidence
- Less Than 0.4% Reflectance Per Surface from 425 - 675nm
- [MgF<sub>2</sub>](#) and [VIS-NIR](#) Coated Achromats Also Available

TECHSPEC® VIS 0° Coated Achromatic Lenses consist of two optical components cemented together to form an achromatic doublet. The doublet is computer optimized to correct for on-axis spherical and chromatic aberrations. Achromatic lenses are best for applications involving multi-color (white light) imaging due to their specific doublet lens pairing that enables them to correct the color separation inherent in glass. TECHSPEC® VIS 0° Coated Achromatic Lenses provide optimized transmission for 425 – 675nm, reducing average reflection to 0.4%. [MgF<sub>2</sub>](#) and [VIS-NIR](#) Coated Achromats are also available on our website.

## 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

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