

**TECHSPEC® 15mm Dia. x 40mm FL, VIS 0°, Inked, Achromatic Lens**



Stock **#47-701-INK** [CONTACT US](#)

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1  ₹9,810

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Volume Pricing	
Qty 1-5	₹9,810 each
Qty 6-25	₹7,830 each
Qty 26-49	₹7,380 each
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**SPECIFICATIONS**

**General**

Type:

## Physical &amp; Mechanical Properties

15.00 ±0.025 **Diameter (mm):**

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

<1 **Centering (arcmin):**

7.58 ±0.20 **Center Thickness CT (mm):**

5.98 ±0.10 **Center Thickness CT 1 (mm):**

1.60 ±0.10 **Center Thickness CT 2 (mm):**

6.38 **Edge Thickness ET (mm):**

Protective as needed **Bevel:**

## Optical Properties

40.00 **Effective Focal Length EFL (mm):**

±1 **Focal Length Tolerance (%):**

35.63 **Back Focal Length BFL (mm):**

587.6 **Focal Length Specification Wavelength (nm):**

26.97 **Radius R<sub>1</sub> (mm):**

-17.64 **Radius R<sub>2</sub> (mm):**

-205.03 **Radius R<sub>3</sub> (mm):**

[N-BAF10 / N-SF10](#) **Substrate:**

40-20 **Surface Quality:**

2.67 **f#:**

0.19 **Numerical Aperture NA:**

VIS 0° (425-675nm) **Coating:**

$R_{avg} \leq 0.4\%$  @ 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

[Compliant](#) **RoHS 2015:**

[Compliant](#) **Reach 209:**

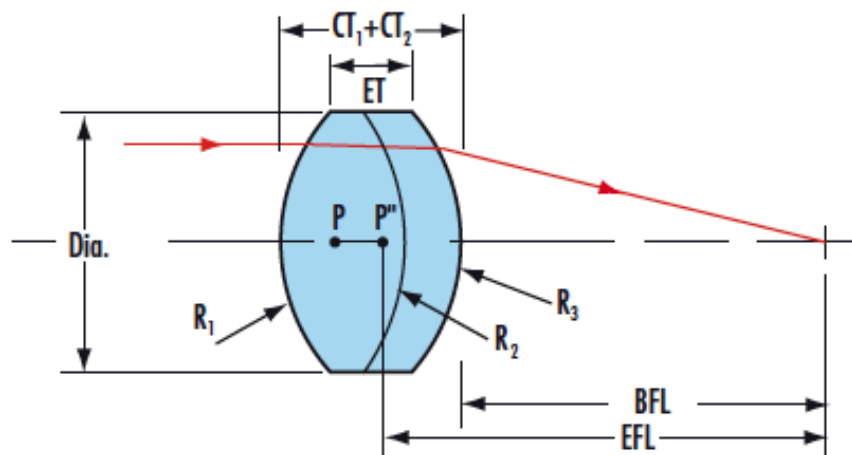
[View](#) **Certificate of Conformance:**

## 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