

[See all 293 Products in Family](#)

TECHSPEC® 20mm Dia. x 35mm FL, VIS 0°, Inked, Achromatic Lens



Stock **#47-734-INK** [CONTACT US](#)

[Other Coating Options](#)

1 €123.⁰⁰

ADD TO CART

Volume Pricing	
Qty 1-5	€123,00 each
Qty 6-25	€99,00 each
Qty 26-49	€92,50 each
Need More?	Request Quote

! Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Achromatic Lens **Type:**

Physical & Mechanical Properties

20.00 ±0.025	Diameter (mm):
19.00	Clear Aperture CA (mm):
<1	Centering (arcmin):
9.09 ±0.20	Center Thickness CT (mm):
7.33 ±0.10	Center Thickness CT 1 (mm):
1.76 ±0.10	Center Thickness CT 2 (mm):
6.57	Edge Thickness ET (mm):
Protective as needed	Bevel:

Optical Properties

35.00	Effective Focal Length EFL (mm):
±1	Focal Length Tolerance (%):
29.90	Back Focal Length BFL (mm):
587.6	Focal Length Specification Wavelength (nm):
24.24	Radius R₁ (mm):
-15.96	Radius R₂ (mm):
-139.78	Radius R₃ (mm):
S-BAH11 / N-SF10	Substrate: <input type="checkbox"/>
40-20	Surface Quality:
1.75	f#:
0.29	Numerical Aperture NA:
VIS 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:
----------------------	------------------------------------

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:

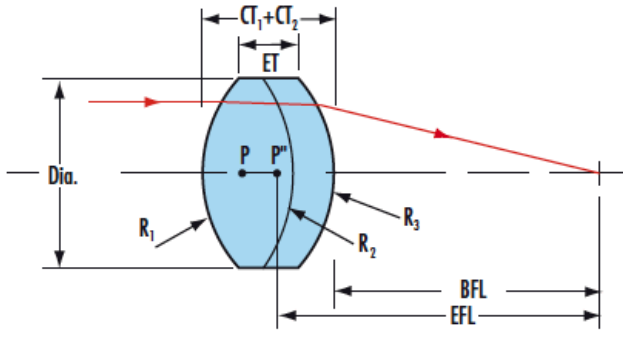
- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

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

Product Details

- Designed for 0° Angle of Incidence
 - Less Than 0.4% Reflectance Per Surface from 425 - 675nm
 - **MgF₂** 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

Technical Information



Coating Curves

Compatible Mounts