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**TECHSPEC® 30mm Dia. x 100mm FL, VIS-NIR, Inked, Achromatic Lens**



Stock **#49-374-INK** [CONTACT US](#)

[Other Coating Options](#)

- 1 + ₹14,310

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Volume Pricing	
Qty 1-5	₹14,310 each
Qty 6-25	₹11,430 each
Qty 26-49	₹10,710 each
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Product Downloads

**General**

Achromatic Lens **Type:**

**Physical & Mechanical Properties**

30.00 ±0.025 **Diameter (mm):**

29.00	Clear Aperture CA (mm):
<1	Centering (arcmin):
11.05 ±0.20	Center Thickness CT (mm):
8.25 ±0.10	Center Thickness CT 1 (mm):
2.80 ±0.10	Center Thickness CT 2 (mm):
8.31	Edge Thickness ET (mm):
Protective as needed	Bevel:

## Optical Properties

100.00	Effective Focal Length EFL (mm):
±1	Focal Length Tolerance (%):
94.54	Back Focal Length BFL (mm):
587.6	Focal Length Specification Wavelength (nm):
61.36	Radius R <sub>1</sub> (mm):
-44.30	Radius R <sub>2</sub> (mm):
-128.90	Radius R <sub>3</sub> (mm):
<a href="#">N-BK7 / N-SF5</a>	Substrate: <input type="checkbox"/>
40-20	Surface Quality:
3.33	f##:
0.15	Numerical Aperture NA:
VIS-NIR (400-1000nm)	Coating:
R <sub>abs</sub> ≤0.25% @ 880nm R <sub>avg</sub> ≤1.25% @ 400 - 870nm R <sub>avg</sub> ≤1.25% @ 890 - 1000nm	Coating Specification:
1.5λ	Power (P-V) @ 632.8nm:
λ/4	Irregularity (P-V) @ 632.8nm:
400 - 1000	Wavelength Range (nm):

## Regulatory Compliance

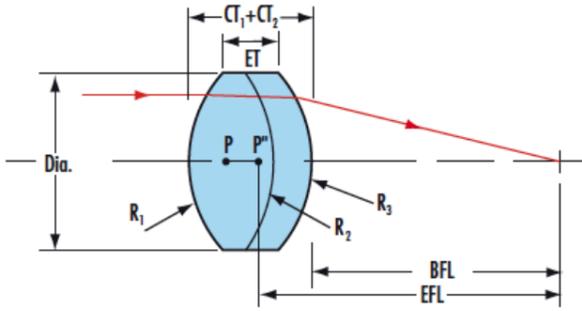
<a href="#">Compliant</a>	RoHS 2015:
<a href="#">Compliant</a>	REACH 201:
<a href="#">View</a>	Certificate of Conformance:
Japan	Country of Origin:
Edmund Optics India Private Limited	Imported By:

## Product Details

- Designed for 0° Angle of Incidence
- Less Than 0.25% Reflectance Per Surface @ 880nm
- [MgF<sub>2</sub>](#) and [VIS 0°](#) Coated Achromats Also Available

TECHSPEC® VIS-NIR 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. TECHSPEC® VIS-NIR Coated Achromatic Lenses have visible/near-infrared broadband anti-reflection coating, which is specially optimized to yield maximum transmission (>99%) in the near-infrared. The achromatic lenses reduce reflection to less than 0.25 percent per surface at 880nm. [Magnesium Fluoride](#) coated and [VIS 0°](#) coated achromats 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

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