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**TECHSPEC® 12.5mm Dia x 20mm EFL Hastings Triplet Achromatic Lens**



Stock #45-251 **20+ In Stock**

- 1 + ₹9,887

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Volume Pricing	
Qty 1-5	₹9,887 each
Qty 6-25	₹7,941 each
Qty 26-49	₹7,707 each
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**General**

Achromatic Triplet Lens **Type:**

**Physical & Mechanical Properties**

12.50 +0.0/-0.025 **Diameter (mm):**

<3 **Centering (arcmin):**

10.18	Center Thickness CT (mm):
7.98	Center Thickness A (mm):
1.10	Center Thickness B (mm):
-14.95	Radius R <sub>4</sub> (mm):
7.44	Edge Thickness ET (mm):
Protective as needed	Bevel:

## Optical Properties

20.00	Effective Focal Length EFL (mm):
±2	Focal Length Tolerance (%):
16.31	Back Focal Length BFL (mm):
587.6	Focal Length Specification Wavelength (nm):
14.95	Radius R <sub>1</sub> (mm):
7.34	Radius R <sub>2</sub> (mm):
-7.34	Radius R <sub>3</sub> (mm):
<a href="#">N-F2 / N-BK7 / N-F2</a>	Substrate: <input type="checkbox"/>
40-20	Surface Quality:
1.6	f#:
0.31	Numerical Aperture NA:
MgF <sub>2</sub> (400-700nm)	Coating:
R <sub>avg</sub> ≤ 1.75% @ 400 - 700nm	Coating Specification:
1.5λ	Power (P-V) @ 632.8nm:
λ/4	Irregularity (P-V) @ 632.8nm:
400 - 700	Wavelength Range (nm):

## Regulatory Compliance

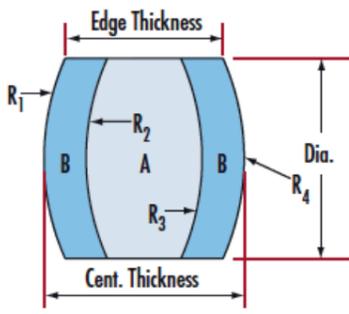
<a href="#">Compliant</a>	RoHS 2015:
<a href="#">Compliant</a>	Reach 219:
<a href="#">View</a>	Certificate of Conformance:
Japan	Country of Origin:
Edmund Optics India Private Limited	Imported By:

## Product Details

- Unique, 3-Element Design
- MgF<sub>2</sub> Coated
- Steinheil Triplet Achromatic Lenses also Available

TECHSPEC® Hastings Triplet Achromatic Lenses feature a unique, three-element design that provides distortion free, color-correct viewing. These lenses are computer designed to interact with each other, contributing to the reduction or elimination of "pincushion" distortion, in addition to chromatic and spherical aberrations. TECHSPEC® Hastings Triplet Achromatic Lenses are composed of two concave meniscus elements cemented to a double-convex lens. These lenses are AR coated with MgF<sub>2</sub>, making them ideal for performance in the VIS range.

## 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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