

TECHSPEC® 8mm Dia x 12.5mm EFL Hastings Triplet Achromatic Lens



Stock #13-521 **20+ In Stock**

MRP ₹13,519

i Price inclusive of all taxes

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Volume Pricing	
Qty 1-5	₹13,519 each
Qty 6-25	₹10,896 each
Qty 26-49	₹10,493 each
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Product Downloads

General

Achromatic Triplet Lens **Type:**

Physical & Mechanical Properties

8.00 +0.0/-0.025 **Diameter (mm):**

<3 **Centering (arcmin):**

7.23	Center Thickness CT (mm):
5.23	Center Thickness A (mm):
1.00	Center Thickness B (mm):
-9.395	Radius R₄ (mm):
5.44	Edge Thickness ET (mm):
Protective as needed	Bevel:

Optical Properties

12.50	Effective Focal Length EFL (mm):
±2	Focal Length Tolerance (%):
9.82	Back Focal Length BFL (mm):
587.6	Focal Length Specification Wavelength (nm):
9.40	Radius R₁ (mm):
4.805	Radius R₂ (mm):
-4.805	Radius R₃ (mm):
N-F2 / N-BK7 / N-F2	Substrate: <input type="checkbox"/>
40-20	Surface Quality:
1.56	f/#:
0.32	Numerical Aperture NA:
MgF ₂ (400-700nm)	Coating:
R _{avg} ≤ 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

Compliant	RoHS 2015:
Compliant	Reach 219:
View	Certificate of Conformance:
Japan	Country of Origin:
Edmund Optics India Private Limited 267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038 Phone: +91- 80-6845 0000	Imported By:

Need different specs or modifications?

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

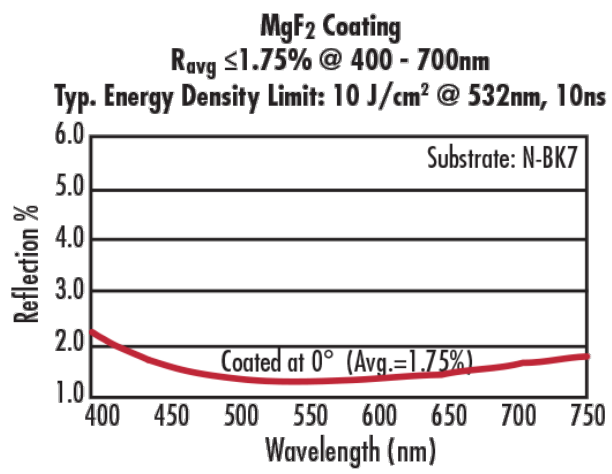
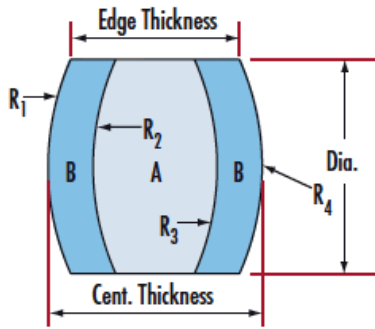
Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

Product Details

- Unique, 3-Element Design
- MgF₂ 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 MgF₂, making them ideal for performance in the VIS range.

Technical Information



Coating Curves