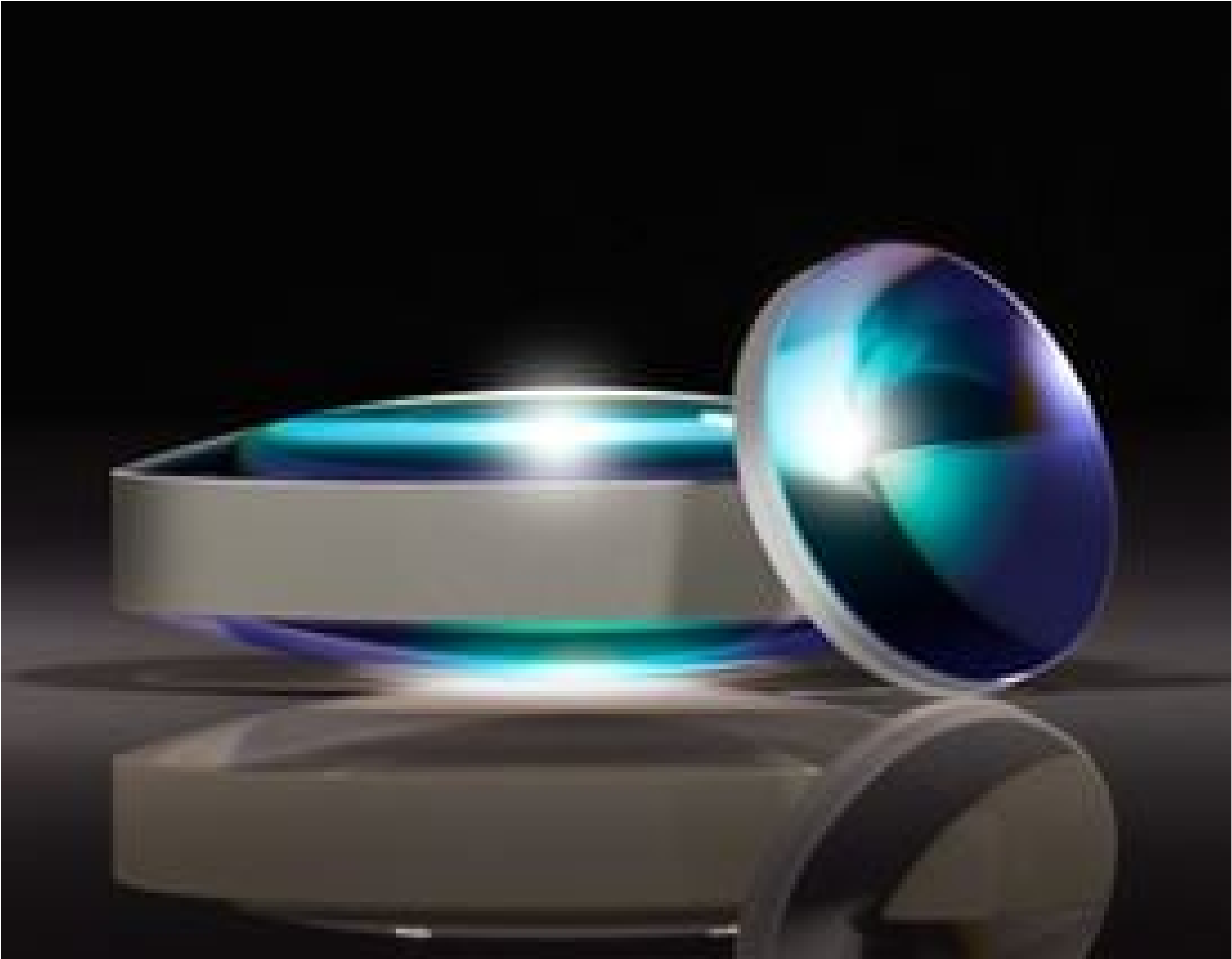


TECHSPEC[®] 12.5mm Dia. X 12.5mm FL Uncoated, Double Sided Aspheric Lens



Stock #18-417 5 In Stock

-

1

+

₹27,092

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Volume Pricing	
Qty 1-5	₹27,092 each
Qty 6-25	₹21,720 each
Qty 26-49	₹20,397 each
Need More?	Request Quote

Product Downloads

General	
Aspheric Lens	Type:
Physical & Mechanical Properties	
12.50 +0.0/-0.025	Diameter (mm):
<3	Centering (arcmin):

11.25	Clear Aperture CA (mm):
5	Edge Thickness ET (mm):
8.20 ±0.1	Center Thickness CT (mm):
None	Bevel:

Optical Properties

12.50	Effective Focal Length EFL (mm):
9.42	Back Focal Length BFL (mm):
N-BK7	Substrate: ☐
587.6	Aspheric Design Wavelength (nm):
0.4λ RMS and 2λ PV	Asphere Figure Error, RMS @ 632.8nm:
Uncoated	Coating:
40-20	Surface Quality:
1.00	f#:
330 - 2400	Wavelength Range (nm):
11.327	Radius R ₁ =R ₂ (mm):
80.00	Power (diopters):

Regulatory Compliance

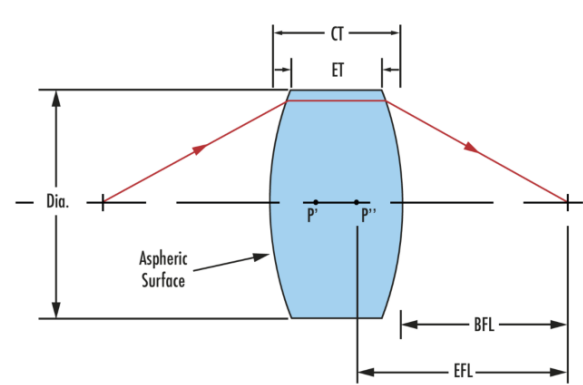
View	Certificate of Conformance:
Singapore	Country of Origin:
Edmund Optics India Private Limited	Imported By:

Product Details

- Designed for 1X Magnification
- Ideal for Finite Conjugate Applications
- 10 to 50mm Diameter Options

TECHSPEC® Double-Sided Aspheric Lenses are ideal for 1:1 imaging applications. Featuring high numerical apertures with an *f*# of 1.0, these lenses are excellent for light collection and are available in 10 to 50mm diameters. These double-convex lenses, also known as bi-convex lenses, can be used to reduce the number of optical elements in a system while providing superior performance. TECHSPEC® Double-Sided Aspheric Lenses are optimized for 1X magnification, however the aspheric design accommodates up to 4X magnification with excellent performance.

Technical Information



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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