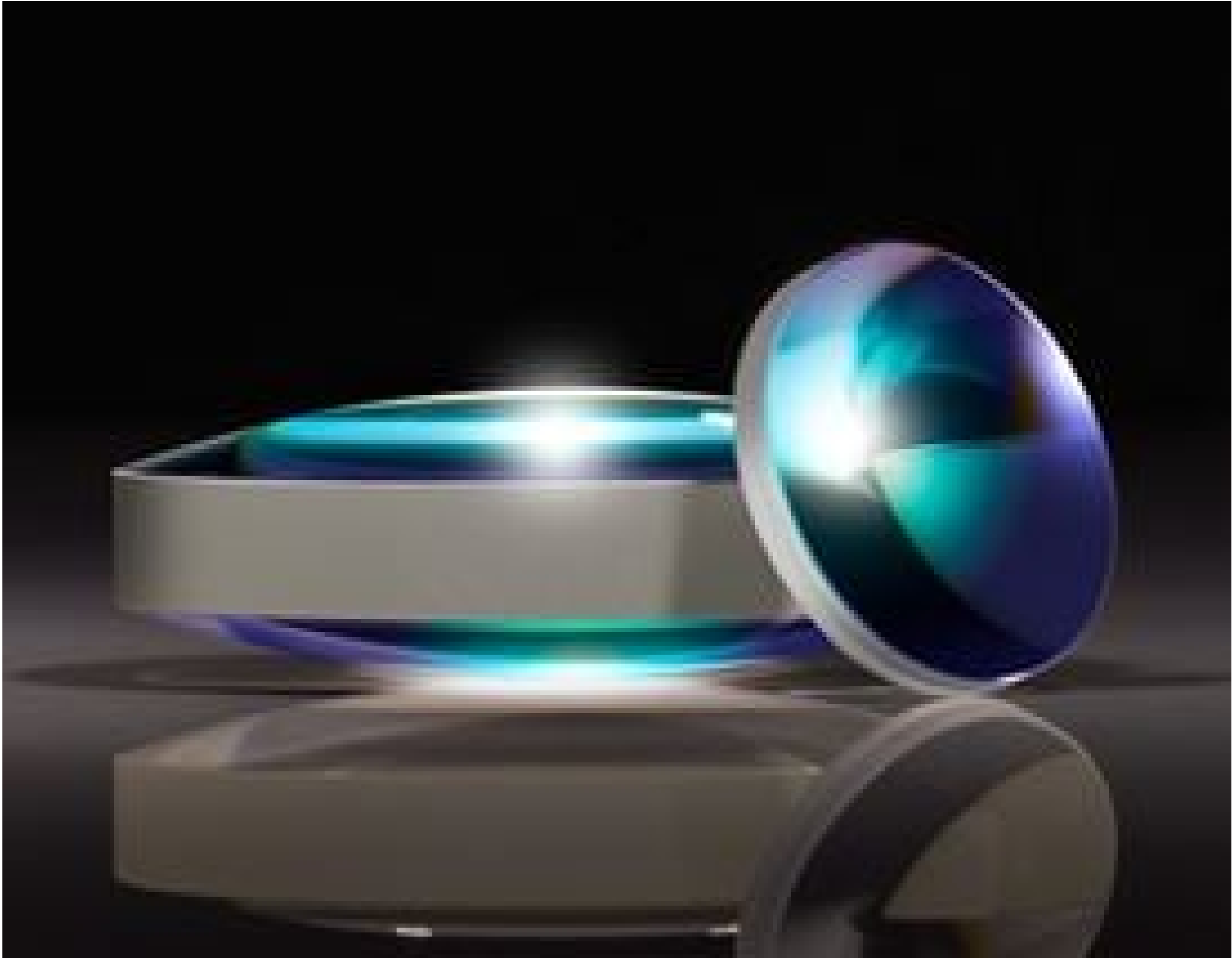


TECHSPEC<sup>®</sup> 10mm Dia. X 10mm FL Uncoated, Double Sided Aspheric Lens



Stock **#18-414** 5 In Stock

-

1

+

A\$508<sup>.80</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | A\$508.80 each                |
| Qty 6-25       | A\$408.00 each                |
| Qty 26-49      | A\$382.40 each                |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

| General                          |                     |
|----------------------------------|---------------------|
| Aspheric Lens                    | Type:               |
| Physical & Mechanical Properties |                     |
| 10.00 +0.0/-0.025                | Diameter (mm):      |
| <3                               | Centering (arcmin): |

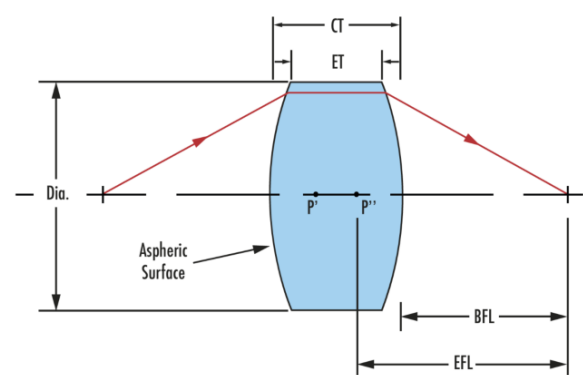
|                       |                                             |
|-----------------------|---------------------------------------------|
| 9                     | Clear Aperture CA (mm):                     |
| 5                     | Edge Thickness ET (mm):                     |
| 7.60 ±0.1             | Center Thickness CT (mm):                   |
| None                  | Bevel:                                      |
| Optical Properties    |                                             |
| 10.00                 | Effective Focal Length EFL (mm):            |
| 7.06                  | Back Focal Length BFL (mm):                 |
| N-BK7                 | Substrate: <input type="checkbox"/>         |
| 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):                      |
| 8.818                 | Radius R <sub>1</sub> =R <sub>2</sub> (mm): |
| 100.00                | Power (diopters):                           |
| Regulatory Compliance |                                             |
| View                  | Certificate of Conformance:                 |

## 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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