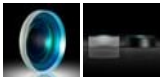
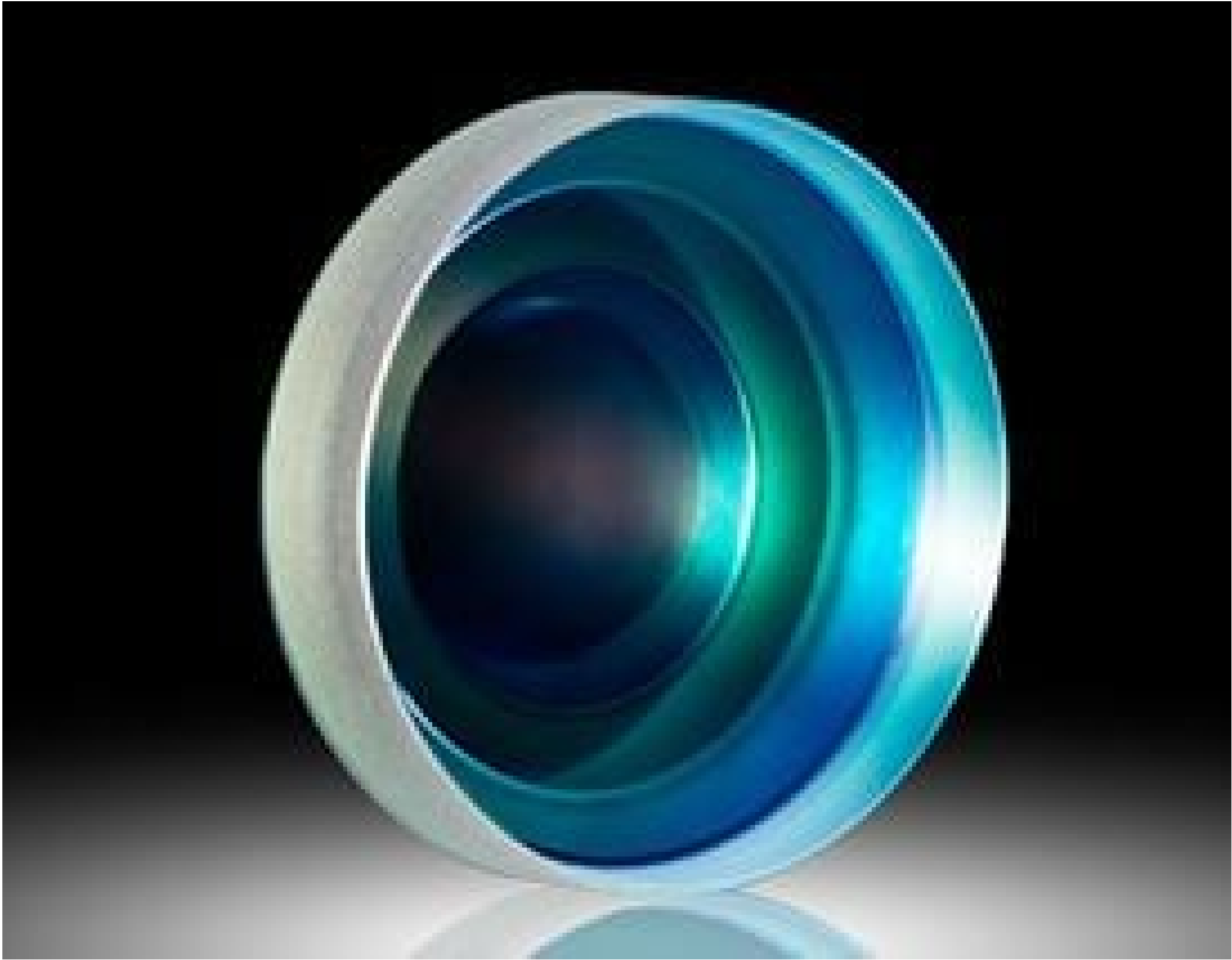


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TECHSPEC<sup>®</sup> 25mm Dia. x -25mm FL, NIR II, Inked, Double-Concave Lens



Stock **#68-015-INK** [CONTACT US](#)

☐ [Other Coating Options](#)

-

1

+

€61<sup>.50</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-9        | €61,50 each                   |
| Qty 10-25      | €55,50 each                   |
| Qty 26-49      | €49,25 each                   |
| Need More?     | <a href="#">Request Quote</a> |

Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Double-Concave Lens

Type:

Physical & Mechanical Properties

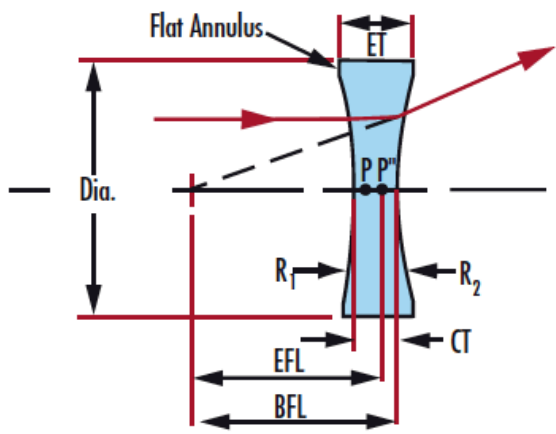
|                                                                                                                        |                                                       |
|------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| 25.00 ±0.025                                                                                                           | Diameter (mm):                                        |
| 2.50                                                                                                                   | Center Thickness CT (mm):                             |
| ±0.10                                                                                                                  | Center Thickness Tolerance (mm):                      |
| <1                                                                                                                     | Centering (arcmin):                                   |
| 24.00                                                                                                                  | Clear Aperture CA (mm):                               |
| 6.05                                                                                                                   | Edge Thickness ET (mm):                               |
| Optical Properties                                                                                                     |                                                       |
| -25.00                                                                                                                 | Effective Focal Length EFL (mm):                      |
| N-SF11                                                                                                                 | Substrate: <input type="checkbox"/>                   |
| 1.00                                                                                                                   | f/#:                                                  |
| 0.50                                                                                                                   | Numerical Aperture NA:                                |
| NIR II (750-1550nm)                                                                                                    | Coating:                                              |
| 750 - 1550                                                                                                             | Wavelength Range (nm):                                |
| -25.69                                                                                                                 | Back Focal Length BFL (mm):                           |
| R <sub>abs</sub> ≤1.5% @ 750 - 800nm<br>R <sub>abs</sub> ≤1.0% @ 800 - 1550nm<br>R <sub>avg</sub> ≤0.7% @ 750 - 1550nm | Coating Specification:                                |
| 587.6                                                                                                                  | Focal Length Specification Wavelength (nm):           |
| ±1.00                                                                                                                  | Focal Length Tolerance (%):                           |
| -39.78                                                                                                                 | Radius R <sub>1</sub> =R <sub>2</sub> (mm):           |
| 40-20                                                                                                                  | Surface Quality:                                      |
| 8 J/cm <sup>2</sup> @ 1064nm, 10ns                                                                                     | Damage Threshold, By Design: <input type="checkbox"/> |
| 1.5λ                                                                                                                   | Power (P-V) @ 632.8nm:                                |
| λ/4                                                                                                                    | Irregularity (P-V) @ 632.8nm:                         |
| Regulatory Compliance                                                                                                  |                                                       |
| View                                                                                                                   | Certificate of Conformance:                           |

## Product Details

- AR Coated to Provide <0.7% Reflectance per Surface for 750 - 1550nm
- Double-Concave Lenses Have Two Inward Curved Surfaces and a Negative Focal Length
- Used for Image Reduction and to Spread Light
- Various Coating Options: [Uncoated](#), [VIS-EXT](#), [MgF<sub>2</sub>](#), [VIS 0°](#), [VIS-NIR](#), and [NIR I](#)

TECHSPEC® NIR II Coated Double-Concave (DCV) Lenses are designed to have two inward curved surfaces and a negative focal length similar to Plano-Concave (PCV) lenses. These lenses can be used for balancing aberrations created by other lenses within a system due to their negative spherical aberration. Double-Concave (DCV) lenses are commonly used in a variety of applications including image reduction, beam expansion and telescopes. TECHSPEC® NIR II Coated Double-Concave (DCV) Lenses offer optimal performance in the 750nm to 1550nm range. These lenses are also available in [Uncoated](#), [VIS-EXT](#), [MgF<sub>2</sub>](#), [VIS 0°](#), [VIS-NIR](#), or with [NIR I](#) AR coating options.

## 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