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TECHSPEC<sup>®</sup> 25mm Dia. x -100mm FL, VIS-NIR, Inked, Double-Concave Lens



Stock **#45-932-INK** [CONTACT US](#)

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1

+

₹5,535

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-9        | ₹5,535 each                   |
| Qty 10-25      | ₹4,995 each                   |
| Qty 26-49      | ₹4,433 each                   |
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Product Downloads

General

Type:

Double-Concave Lens

Physical & Mechanical Properties

Diameter (mm):

25.00

|                      |                                  |
|----------------------|----------------------------------|
| Protective as needed | Bevel:                           |
| 5.00                 | Center Thickness CT (mm):        |
| ±0.10                | Center Thickness Tolerance (mm): |
| <1                   | Centering (arcmin):              |
| 24.00                | Clear Aperture CA (mm):          |
| 6.43                 | Edge Thickness ET (mm):          |

|                                                                                                                    |                                             |
|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| Optical Properties                                                                                                 |                                             |
| -100.00                                                                                                            | Effective Focal Length EFL (mm):            |
| N-BK7                                                                                                              | Substrate: <input type="checkbox"/>         |
| 4.00                                                                                                               | f/#:                                        |
| 0.13                                                                                                               | Numerical Aperture NA:                      |
| VIS-NIR (400-1000nm)                                                                                               | Coating:                                    |
| 400 - 1000                                                                                                         | Wavelength Range (nm):                      |
| -101.64                                                                                                            | Back Focal Length BFL (mm):                 |
| R <sub>abs</sub> ≤0.25% @ 880nm<br>R <sub>avg</sub> ≤1.25% @ 400 - 870nm<br>R <sub>avg</sub> ≤1.25% @ 890 - 1000nm | Coating Specification:                      |
| ±1                                                                                                                 | Focal Length Tolerance (%):                 |
| -104.20                                                                                                            | Radius R <sub>1</sub> =R <sub>2</sub> (mm): |
| 40-20                                                                                                              | Surface Quality:                            |

|                                     |                             |
|-------------------------------------|-----------------------------|
| Regulatory Compliance               |                             |
| View                                | Certificate of Conformance: |
| Japan                               | Country of Origin:          |
| Edmund Optics India Private Limited | Imported By:                |

Product Details

• AR Coated to Provide <1.25% Reflectance per Surface for 400 - 1000nm

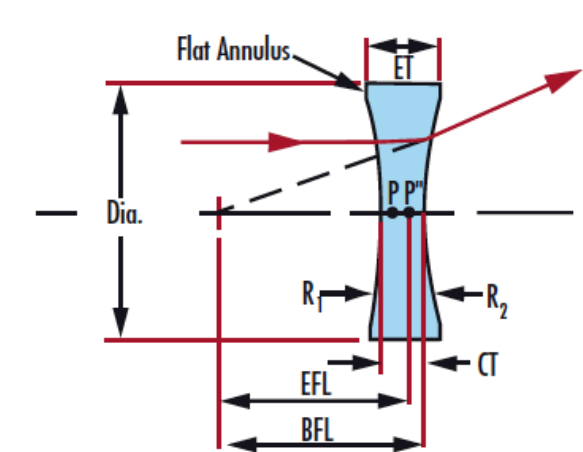
• <0.25% Reflectance @ 880nm

• Designed for 0° Angle of Incidence

• Various Coating Options: [Uncoated](#), [VIS-EXT](#), [MgF<sub>2</sub>](#), [VIS 0°](#), [NIR I](#), and [NIR II](#)

TECHSPEC® VIS-NIR 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® VIS-NIR Coated Double-Concave (DCV) Lenses are optimized for transmission (>99%) in the near-infrared. These lenses are also available [Uncoated](#), [VIS-EXT](#), [MgF<sub>2</sub>](#), [VIS 0°](#), [NIR I](#), or with [NIR II](#) AR coating options.

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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