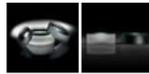


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## TECHSPEC® 6mm Dia. x -6mm FL, Uncoated, Double-Concave Lens



Stock **#32-986** **20+ In Stock**

[Other Coating Options](#)

1  £24.<sup>00</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-9	£24.60 each
Qty 10-25	£22.20 each
Qty 26-49	£19.80 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

6.00 +0.0/-0.025	<b>Diameter (mm):</b>
Protective as needed	<b>Bevel:</b>
1.50	<b>Center Thickness CT (mm):</b>
±0.05	<b>Center Thickness Tolerance (mm):</b>
<3	<b>Centering (arcmin):</b>
5.4	<b>Clear Aperture CA (mm):</b>
2.29	<b>Edge Thickness ET (mm):</b>

## Optical Properties

-6.00	<b>Effective Focal Length EFL (mm):</b>
<a href="#">N-SF11</a>	<b>Substrate:</b> <input type="checkbox"/>
1.00	<b>f#:</b>
0.50	<b>Numerical Aperture NA:</b>
Uncoated	<b>Coating:</b>
400 - 2500	<b>Wavelength Range (nm):</b>
-6.41	<b>Back Focal Length BFL (mm):</b>
587.6	<b>Focal Length Specification Wavelength (nm):</b>
±1	<b>Focal Length Tolerance (%):</b>
-9.74	<b>Radius R<sub>1</sub>=R<sub>2</sub> (mm):</b>
40-20	<b>Surface Quality:</b>
1.5λ	<b>Power (P-V) @ 632.8nm:</b>
λ/4	<b>Irregularity (P-V) @ 632.8nm:</b>

## Regulatory Compliance

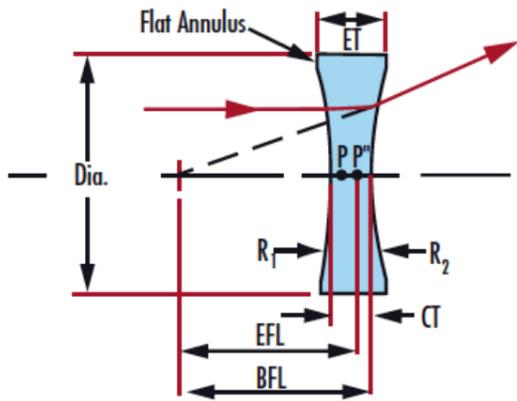
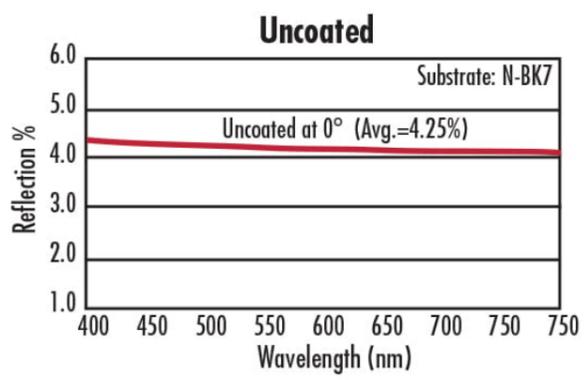
<a href="#">Compliant</a>	<b>RoHS 2015:</b>
<a href="#">Compliant</a>	<b>Reach 219:</b>
<a href="#">View</a>	<b>Certificate of Conformance:</b>

## Product Details

- Wavelength Range of 350-2200nm
- Precision Diameter and Centration Tolerances Allow for Easy OEM Integration
- Wide Variety of Diameters and Focal Lengths
- Additional AR Coating Options Available: [VIS-EXT](#), [MgF<sub>2</sub>](#), [VIS 0°](#), [VIS-NIR](#), [NIR I](#), and [NIR II](#)

TECHSPEC® Uncoated 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® Uncoated Double-Concave (DCV) Lenses offer optimal performance in the 350nm to 2200nm range. These lenses are also available [VIS-EXT](#), [MgF<sub>2</sub>](#), [VIS 0°](#), [VIS-NIR](#), [NIR I](#), or with [NIR II](#) 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