

TECHSPEC[®] 25mm Dia. x -50mm FL, Uncoated, Double-Concave Lens



Stock **#32-996** 12 In Stock

☐ Other Coating Options

-

1

+

€36^{.50}

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Volume Pricing	
Qty 1-9	€36,50 each
Qty 10-25	€33,00 each
Qty 26-49	€29,00 each
Need More?	Request Quote

 Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Double-Concave Lens

Type:

Physical & Mechanical Properties

25.00 +0.0/-0.025	Diameter (mm):
Protective as needed	Bevel:
2.50	Center Thickness CT (mm):
±0.10	Center Thickness Tolerance (mm):
<1	Centering (arcmin):
24.00	Clear Aperture CA (mm):
5.40	Edge Thickness ET (mm):

Optical Properties

-50.00	Effective Focal Length EFL (mm):
N-BK7	Substrate:
2.00	f/#:
0.25	Numerical Aperture NA:
Uncoated	Coating:
350 - 2200	Wavelength Range (nm):
-50.82	Back Focal Length BFL (mm):
587.6	Focal Length Specification Wavelength (nm):
±1	Focal Length Tolerance (%):
-52.10	Radius R ₁ =R ₂ (mm):
40-20	Surface Quality:
1.5λ	Power (P-V) @ 632.8nm:
λ/4	Irregularity (P-V) @ 632.8nm:

Regulatory Compliance

Compliant	RoHS 2015:
Compliant	Reach 219:
View	Certificate of Conformance:

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](#).

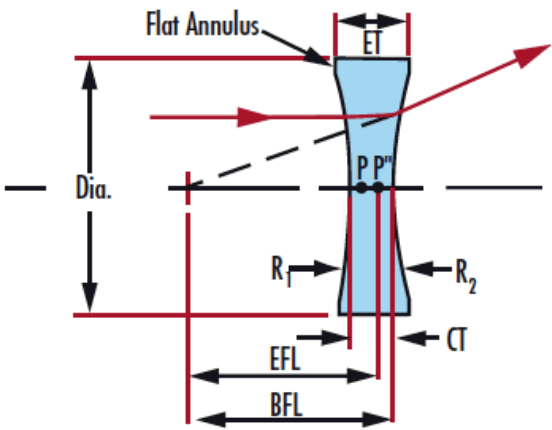
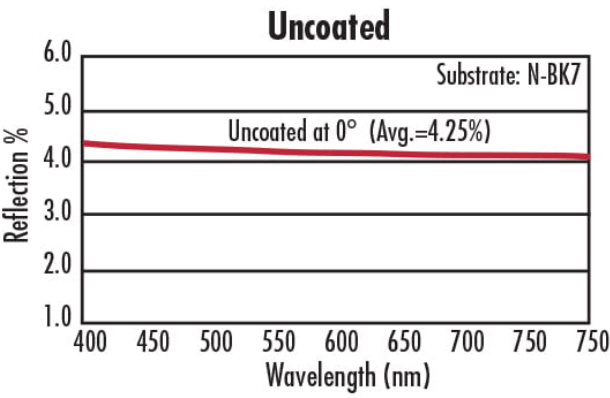
Product Details

- 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](#), [MgF₂](#), [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](#), [MgF₂](#), [VIS 0°](#), [VIS-NIR](#), [NIR I](#), or with [NIR II](#) AR coating options.

Technical Information



Compatible Mounts