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TECHSPEC®

25mm Dia. x -25mm FL, VIS 0° Coated, Double-Concave Lens



Stock **#47-917** **8 In Stock**

☐ [Other Coating Options](#)

-

1

+

S\$71^{.40}

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Volume Pricing	
Qty 1-9	S\$71.40 each
Qty 10-25	S\$64.05 each
Qty 26-49	S\$57.40 each
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Product Downloads

General

Type:

Double-Concave Lens

Physical & Mechanical Properties

Diameter (mm):

25.00 +0.0/-0.025

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):
6.05	Edge Thickness ET (mm):
Optical Properties	
-25.00	Effective Focal Length EFL (mm):
N-SF11	Substrate: □
1.00	f/#:
0.50	Numerical Aperture NA:
VIS 0° (425-675nm)	Coating:
425 - 675	Wavelength Range (nm):
-25.69	Back Focal Length BFL (mm):
R _{avg} ≤0.4% @ 425 - 675nm	Coating Specification:
587.6	Focal Length Specification Wavelength (nm):
±1	Focal Length Tolerance (%):
-39.78	Radius R ₁ =R ₂ (mm):
40-20	Surface Quality:
5 J/cm ² @ 532nm, 10ns	Damage Threshold, By Design: □
1.5λ	Power (P-V) @ 632.8nm:
λ/4	Irregularity (P-V) @ 632.8nm:
Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 235:

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](#).

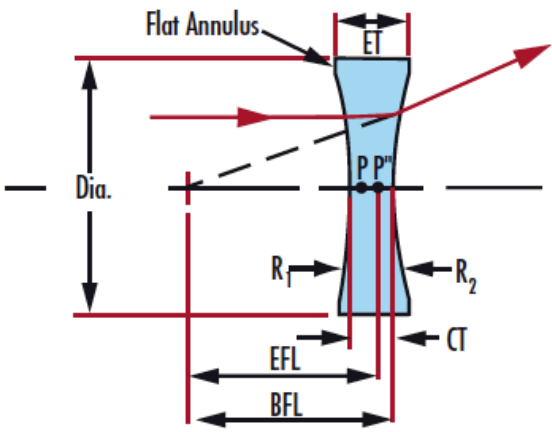
Product Details

- AR Coated to Provide <0.4% Reflectance per Surface for 425 - 675nm
- Designed for 0° Angle of Incidence
- Various Coating Options: [Uncoated](#), [VIS-EXT](#), [MgF₂](#), [VIS-NIR](#), [NIR I](#), and [NIR II](#)

TECHSPEC® VIS 0° 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 0° Coated Double-Concave (DCV) Lenses are best used in 0° angle of incidence situations and provide optimized transmission in the 425nm – 675nm range. These lenses are also available [Uncoated](#), [VIS-EXT](#), [MgF₂](#), [VIS-NIR](#), [NIR I](#), or with [NIR II](#) AR coating options.

Technical Information



Coating Curves

Compatible Mounts