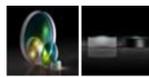
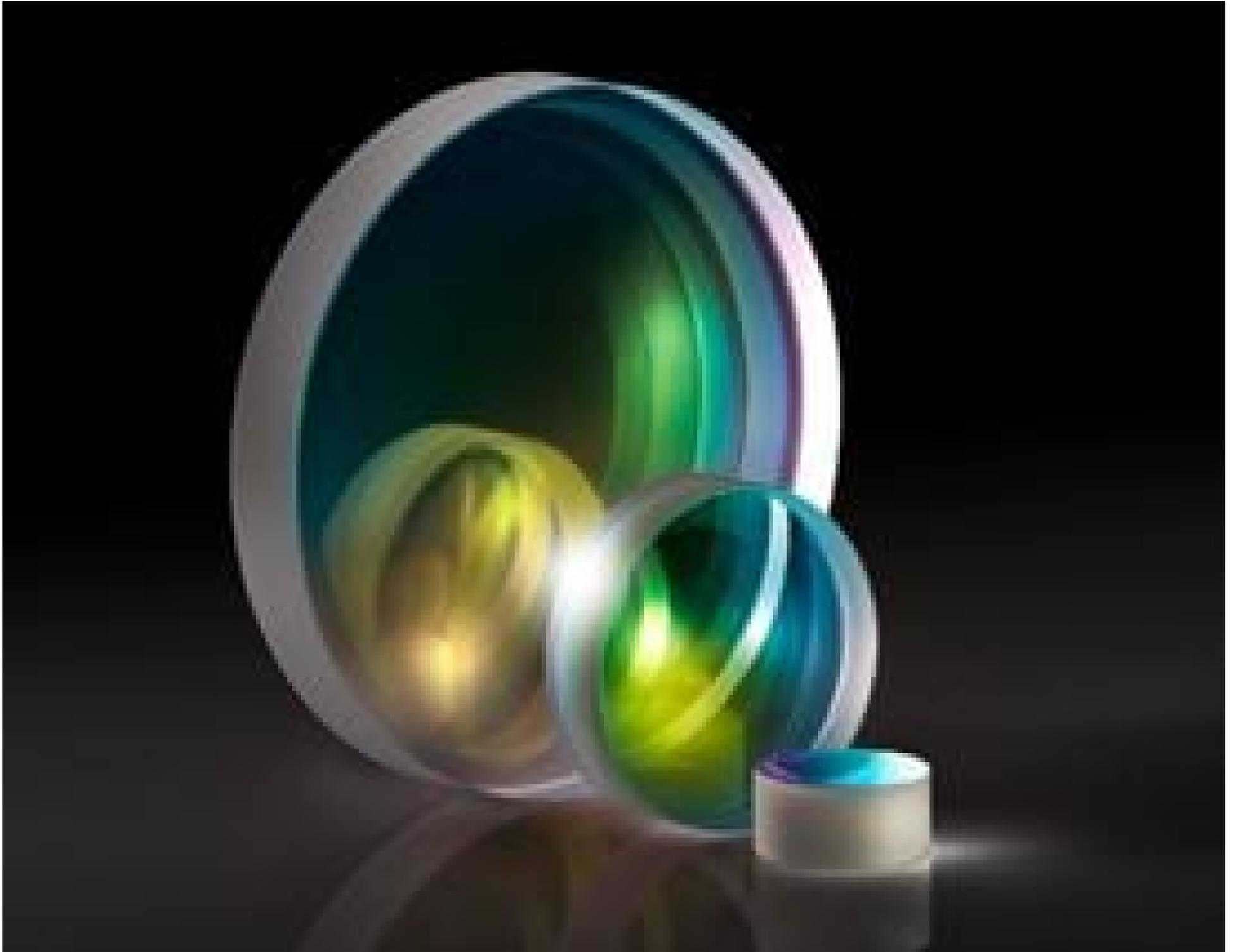


[See all 17 Products in Family](#)

**TECHSPEC® 9.0mm Dia. x -13.5 FL, 1064nm V-Coat, UV Plano-Concave Lens**



Stock #21-029 **3 In Stock**

⊖ 1 ⊕ ₹10,899

**ADD TO CART**

Volume Pricing	
Qty 1-5	₹10,899 each
Qty 6-25	₹8,719 each
Qty 26-49	₹8,174 each
Need More?	<a href="#">Request Quote</a>

Product Downloads

**General**

Plano-Concave Lens **Type:**

Max. Flat Annulus is 0.3mm **Note:**

**Physical & Mechanical Properties**

9.00 +0.0/-0.025	<b>Diameter (mm):</b>
2.00	<b>Center Thickness CT (mm):</b>
±0.05	<b>Center Thickness Tolerance (mm):</b>
<1	<b>Centering (arcmin):</b>
8.1	<b>Clear Aperture CA (mm):</b>
3.64	<b>Edge Thickness ET (mm):</b>

## Optical Properties

-13.50	<b>Effective Focal Length EFL (mm):</b>
<b>Fused Silica</b> (Coming 7980)	<b>Substrate:</b> <input type="checkbox"/>
1.5	<b>f#:</b>
0.33	<b>Numerical Aperture NA:</b>
1064nm V-Coat	<b>Coating:</b>
-14.89	<b>Back Focal Length BFL (mm):</b>
$R_{abs} < 0.25\% @ 1064nm$	<b>Coating Specification:</b>
1064	<b>Design Wavelength DWL (nm):</b>
587.6	<b>Focal Length Specification Wavelength (nm):</b>
±1	<b>Focal Length Tolerance (%):</b>
-6.20	<b>Radius R<sub>1</sub> (mm):</b>
40-20	<b>Surface Quality:</b>
$15 J/cm^2 @ 1064nm, 10ns$	<b>Damage Threshold, By Design:</b> <input type="checkbox"/>
1.5λ	<b>Power (P-V) @ 632.8nm:</b>
λ/4	<b>Irregularity (P-V) @ 632.8nm:</b>

## Regulatory Compliance

<a href="#">View</a>	<b>Certificate of Conformance:</b>
Japan	<b>Country of Origin:</b>
Edmund Optics India Private Limited	<b>Imported By:</b>

## Product Details

- Negative Focal Lengths for Beam Expansion or Light Projection Applications
- Research-Grade Synthetic Fused Silica Substrate
- <0.25% Reflection at 1064nm for Nd:YAG and Fiber Laser Applications
- [Uncoated and BBAR Coating Options](#) Available

TECHSPEC® 1064nm Laser Line Coated UV Fused Silica Plano-Concave (PCV) Lenses are high performance lenses that feature a low coefficient of thermal expansion. Manufactured using research-grade synthetic fused silica, these lenses provide excellent transmission and chemical purity. TECHSPEC® 1064nm Laser Line Coated UV Fused Silica Plano-Concave (PCV) Lenses are designed for maximum throughput at 1064nm, making them ideal for applications utilizing Nd:YAG laser sources. With a maximum reflection of <0.25% per surface at the design wavelength, the lenses will provide superior transmission in applications utilizing multiple optical components.

## 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

---