

TECHSPEC® 25.0mm Diameter x 25.0mm FL, 980nm V-Coat, PCX Lens



633nm Laser Line Coated Plano-Convex(PCX) Lenses

Stock **#69-562** CLEARANCE **5 In Stock**

[Other Coating Options](#)

⊖ 1 ⊕ ₹1,823

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SPECIFICATIONS

General

Plano-Convex Lens **Type:**

Physical & Mechanical Properties

Diameter (mm):

25.00 +0.0/-0.025

<1 **Centering (arcmin):**

8.00 ±0.10 **Center Thickness CT (mm):**

2.43 **Edge Thickness ET (mm):**

24 **Clear Aperture CA (mm):**

Protective as needed **Bevel:**

Optical Properties

25.00 @ 587.6nm **Effective Focal Length EFL (mm):**

20.22 **Back Focal Length BFL (mm):**

Laser V-Coat (980nm) **Coating:**

R_{abs} <0.25% @ 980nm **Coating Specification:**

N-SF5 **Substrate:**

40-20 **Surface Quality:**

1.5λ **Power (P-V) @ 632.8nm:**

λ/4 **Irregularity (P-V) @ 632.8nm:**

±1 **Focal Length Tolerance (%):**

16.82 **Radius R₁ (mm):**

1.00 **f#:**

0.50 **Numerical Aperture NA:**

980 **Design Wavelength DWL (nm):**

5 J/cm² @ 980nm, 10ns **Damage Threshold, By Design:**

Regulatory Compliance

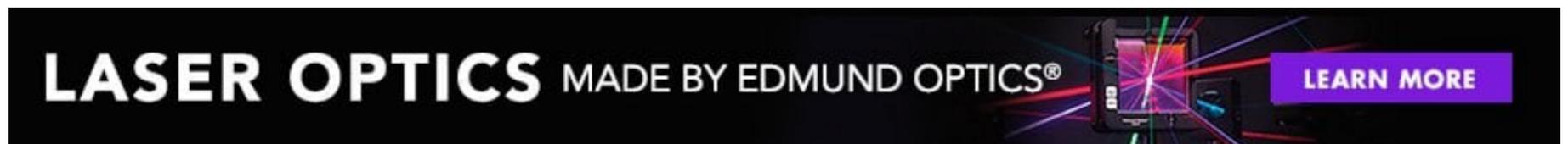
Compliant **Reach 224:**

View **Certificate of Conformance:**

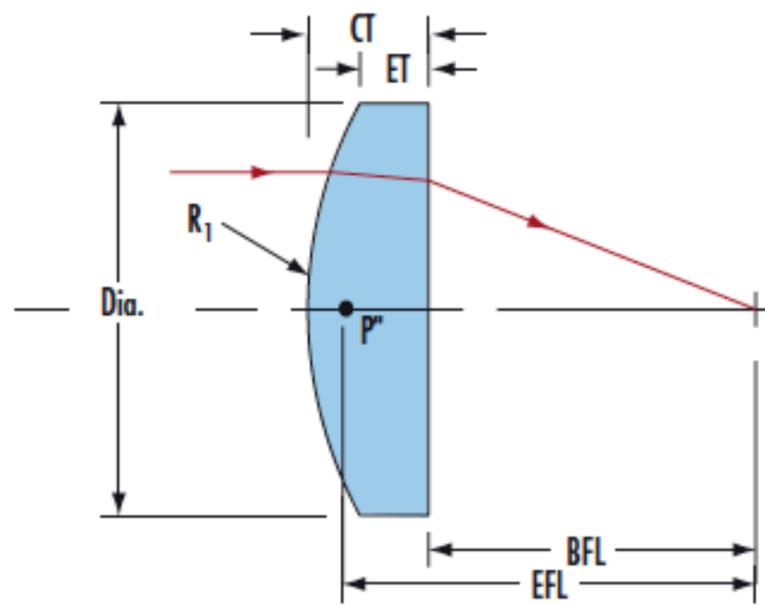
PRODUCT DETAILS

- <0.25% Reflection at 980nm
- BBAR Coating Options Also Available: [MgF₂](#), [VIS 0°](#), [VIS-NIR](#), [NIR I](#), [NIR II](#)
- [405nm](#), [532nm](#), [633nm](#), [785nm](#), 980nm, [1064nm](#), and [1550nm](#) V-Coated Options Offered

Our standard TECHSPEC® Plano-Convex lenses are available in a variety of laser line V-Coat AR coating options. Designed for maximum throughput at the specified laser wavelength, these lenses are ideal for applications utilizing low power HeNe, Diode, and 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.>



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