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TECHSPEC<sup>®</sup> 9.0mm Diameter x 54.0mm FL, 980nm V-Coat, PCX Lens



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

Stock **#69-537** CLEARANCE **1 In Stock**

☐ [Other Coating Options](#)

-

1

+

₹1,997

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| Qty 1+         | ₹1,997 each                   |
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Product Downloads

| General                          |                           |
|----------------------------------|---------------------------|
| Plano-Convex Lens                | Type:                     |
| Physical & Mechanical Properties |                           |
| 9.00 +0.0/-0.025                 | Diameter (mm):            |
| <1                               | Centering (arcmin):       |
| 2.00 ±0.05                       | Center Thickness CT (mm): |

|                                     |                                  |
|-------------------------------------|----------------------------------|
| 1.63                                | Edge Thickness ET (mm):          |
| 8.1                                 | Clear Aperture CA (mm):          |
| Protective as needed                | Bevel:                           |
| Optical Properties                  |                                  |
| 54.00 @ 587.6nm                     | Effective Focal Length EFL (mm): |
| 52.69                               | Back Focal Length BFL (mm):      |
| Laser V-Coat (980nm)                | Coating:                         |
| R <sub>abs</sub> <0.25% @ 980nm     | Coating Specification:           |
| N-BK7                               | Substrate: □                     |
| 40-20                               | Surface Quality:                 |
| 1.5λ                                | Power (P-V) @ 632.8nm:           |
| λ/4                                 | Irregularity (P-V) @ 632.8nm:    |
| ±1                                  | Focal Length Tolerance (%):      |
| 27.91                               | Radius R <sub>1</sub> (mm):      |
| 6.00                                | f#:                              |
| 0.08                                | Numerical Aperture NA:           |
| 980                                 | Design Wavelength DWL (nm):      |
| 5 J/cm <sup>2</sup> @ 980nm, 10ns   | Damage Threshold, By Design: □   |
| Regulatory Compliance               |                                  |
| Compliant                           | Reach 224:                       |
| View                                | Certificate of Conformance:      |
| Japan                               | Country of Origin:               |
| Edmund Optics India Private Limited | Imported By:                     |

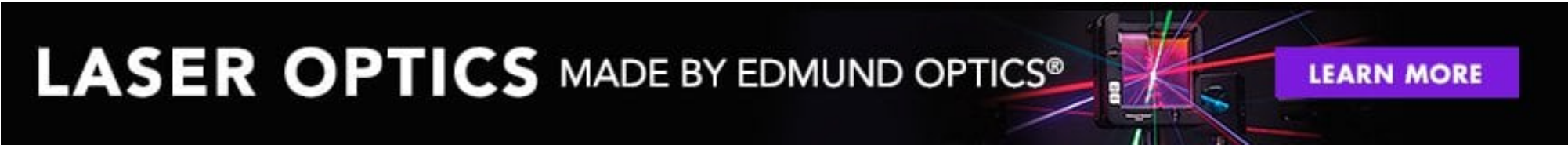
Product Details

• <0.25% Reflection at 980nm

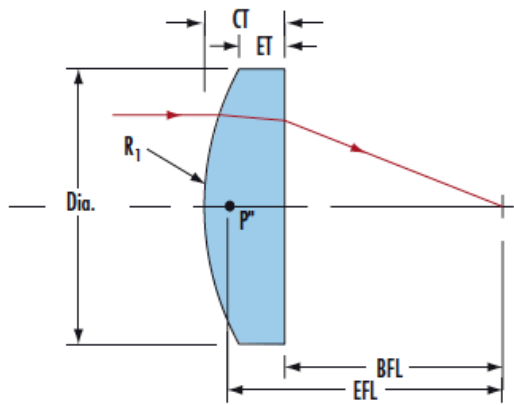
• BBAR Coating Options Also Available: [MgF<sub>2</sub>](#), [VIS 0°](#) , [VIS-NIR](#), [NIR I](#), [NIR II](#)

• [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