

TECHSPEC<sup>®</sup> 25mm Dia. x 125mm FL 532nm V-Coat, UV PCX Lens



Stock **#34-098** 3 In Stock

☐ [Other Coating Options](#)

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+

C\$232<sup>.40</sup>

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | C\$232.40 each                |
| Qty 6-25       | C\$186.20 each                |
| Qty 26-49      | C\$175.00 each                |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

General

Type:

Plano-Convex Lens

Physical & Mechanical Properties

Diameter (mm):

25.00 +0.0/-0.025

|                                         |                           |
|-----------------------------------------|---------------------------|
| ≤1                                      | Centering (arcmin):       |
| 3.42 ±0.10                              | Center Thickness CT (mm): |
| 2.04                                    | Edge Thickness ET (mm):   |
| 24                                      | Clear Aperture CA (mm):   |
| Protective as needed                    | Bevel:                    |
| Fine Ground, Protective Bevel as Needed | Edges:                    |

|                                 |                                  |
|---------------------------------|----------------------------------|
| Optical Properties              |                                  |
| 125.00 @587.6nm                 | Effective Focal Length EFL (mm): |
| 122.65                          | Back Focal Length BFL (mm):      |
| Laser V-Coat (532nm)            | Coating:                         |
| R <sub>abs</sub> <0.25% @ 532nm | Coating Specification:           |
| Fused Silica (Corning 7980)     | Substrate: □                     |
| 40-20                           | Surface Quality:                 |
| 1.5λ                            | Power (P-V) @ 632.8nm:           |
| λ/4                             | Irregularity (P-V) @ 632.8nm:    |
| ±1                              | Focal Length Tolerance (%):      |
| 57.30                           | Radius R <sub>1</sub> (mm):      |
| 5.00                            | f##:                             |
| 0.10                            | Numerical Aperture NA:           |
| 532                             | Design Wavelength DWL (nm):      |
| 5 J/cm² @ 532nm, 10ns           | Damage Threshold, By Design: □   |

|                       |                             |
|-----------------------|-----------------------------|
| Regulatory Compliance |                             |
| Compliant             | RoHS 2015:                  |
| View                  | Certificate of Conformance: |
| Compliant             | Reach 235:                  |

## Product Details

- <0.25% Reflection at 532nm for 2nd Harmonic Nd:YAG Applications
  - 5 - 50mm Diameters Available
  - 10 - 250mm EFL Designs Available
  - [405nm](#), [633nm](#), [1064nm](#), and [1550nm](#) V-Coated Options Offered
- TECHSPEC® Laser Line Coated Fused Silica PCXLenses 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.></0.25%>

## 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

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