

TECHSPEC<sup>®</sup> 9mm Dia. x 18mm FL 1064nm V-Coat, Fused Silica PCX Lens



Stock **#25-884** **9 In Stock**

☐ [Other Coating Options](#)

-

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

SPECIFICATIONS

General

Type:

|                                  |                                  |
|----------------------------------|----------------------------------|
| Plano-Convex Lens                |                                  |
| Physical & Mechanical Properties |                                  |
| 9.00 +0.0/-0.025                 | Diameter (mm):                   |
| <1                               | Centering (arcmin):              |
| 3.00                             | Center Thickness CT (mm):        |
| 1.66                             | Edge Thickness ET (mm):          |
| 8.1                              | Clear Aperture CA (mm):          |
| Protective as needed             | Bevel:                           |
| Optical Properties               |                                  |
| 18.00 @ 587.6nm                  | Effective Focal Length EFL (mm): |
| 15.94                            | Back Focal Length BFL (mm):      |
| 1064nm V-Coat                    | Coating:                         |
| Rabs <0.25% @ 1064nm             | 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 (%):      |
| 8.25                             | Radius R <sub>1</sub> (mm):      |
| 2                                | f/#:                             |
| 0.25                             | Numerical Aperture NA:           |
| 1064                             | Design Wavelength DWL (nm):      |
| Regulatory Compliance            |                                  |
| Compliant                        | RoHS 2015:                       |
| View                             | Certificate of Conformance:      |
| Compliant                        | Reach 235:                       |

## PRODUCT DETAILS

- <0.25% Reflection at 1064nm for Fiber and Nd:YAG Applications
- 5 - 50mm Diameters Available
- 10 - 250mm EFL Designs Available
- 405nm, 532nm, 633nm, and 1550nm V-Coated Options Offered

TECHSPEC® Laser Line Coated Fused Silica PCX 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.

## 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](#).

