

**TECHSPEC® 50mm Dia. x 150mm FL 785nm V-Coat, UV PCX Lens**



Stock #25-923 **4 In Stock**

- 1 + €334.<sup>00</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-5	€334,00 each
Qty 6-25	€267,00 each
Qty 26-49	€251,00 each
Need More?	<a href="#">Request Quote</a>

! Prices shown are exclusive of VAT/local taxes

Product Downloads

**General**

Plano-Convex Lens **Type:**

**Physical & Mechanical Properties**

50.00 +0.0/-0.025 **Diameter (mm):**

Protective as needed **Bevel:**

7.00	<b>Center Thickness CT (mm):</b>
<1	<b>Centering (arcmin):</b>
49	<b>Clear Aperture CA (mm):</b>
2.29	<b>Edge Thickness ET (mm):</b>

## Optical Properties

150.00 @ 587.6nm	<b>Effective Focal Length EFL (mm):</b>
<a href="#">Fused Silica</a>	<b>Substrate:</b> <input type="checkbox"/>
3	<b>f#:</b>
0.17	<b>Numerical Aperture NA:</b>
785nm V-Coat	<b>Coating:</b>
145.20	<b>Back Focal Length BFL (mm):</b>
R <sub>abs</sub> <0.25% @ 785nm	<b>Coating Specification:</b>
785	<b>Design Wavelength DWL (nm):</b>
±1	<b>Focal Length Tolerance (%):</b>
68.77	<b>Radius R<sub>1</sub> (mm):</b>
40-20	<b>Surface Quality:</b>
1.5λ	<b>Power (P-V) @ 632.8nm:</b>
λ/4	<b>Irregularity (P-V) @ 632.8nm:</b>

## Regulatory Compliance

<a href="#">Compliant</a>	<b>RoHS 2015:</b>
<a href="#">View</a>	<b>Certificate of Conformance:</b>
<a href="#">Compliant</a>	<b>Reach 235:</b>

## Product Details

- <0.25% Reflection at 785nm
- 5 - 50mm Diameters Available
- 10 - 250mm EFL Designs Available
- [405nm](#), [532nm](#), [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.