

**TECHSPEC® 50mm Dia. x 75mm FL 785nm V-Coat, UV PCX Lens**



Stock #25-921 **4 In Stock**

MRP ₹34,303

Price inclusive of all taxes

**ADD TO CART**

Volume Pricing	
Qty 1-5	₹34,303 each
Qty 6-25	₹27,442 each
Qty 26-49	₹25,728 each
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**General**

Plano-Convex Lens **Type:**

**Physical & Mechanical Properties**

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

Protective as needed **Bevel:**

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

## Optical Properties

75.00 @ 587.6nm	<b>Effective Focal Length EFL (mm):</b>
<a href="#">Fused Silica</a>	<b>Substrate:</b> <input type="checkbox"/>
1.5	<b>f#:</b>
0.33	<b>Numerical Aperture NA:</b>
785nm V-Coat	<b>Coating:</b>
66.43	<b>Back Focal Length BFL (mm):</b>
$R_{\text{abs}} < 0.25\%$ @ 785nm	<b>Coating Specification:</b>
785	<b>Design Wavelength DWL (nm):</b>
±1	<b>Focal Length Tolerance (%):</b>
34.39	<b>Radius R<sub>1</sub> (mm):</b>
40-20	<b>Surface Quality:</b>
1.5λ	<b>Power (P-V) @ 632.8nm:</b>
N4	<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>
Japan	<b>Country of Origin:</b>
Edmund Optics India Private Limited 267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038 Phone: +91- 80-6845 0000	<b>Imported By:</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 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.