

**TECHSPEC® 6mm Dia x 21mm FL 1550nm V-Coat, UV PCX Lens**



Stock #25-888 **5 In Stock**

[Other Coating Options](#)

1  ₹10,276

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Volume Pricing	
Qty 1-5	₹10,276 each
Qty 6-25	₹8,252 each
Qty 26-49	₹7,707 each
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Product Downloads

**SPECIFICATIONS**

**General**

Type:

## Physical & Mechanical Properties

6.00 +0.0/-0.025 **Diameter (mm):**

≤1 **Centering (arcmin):**

2.00 ±0.05 **Center Thickness CT (mm):**

1.52 **Edge Thickness ET (mm):**

5.40 **Clear Aperture CA (mm):**

Protective as needed **Bevel:**

Fine Ground, Protective Bevel as Needed **Edges:**

## Optical Properties

21.00 @ 587.6nm **Effective Focal Length EFL (mm):**

19.63 **Back Focal Length BFL (mm):**

Laser V-Coat (1550nm) **Coating:**

$R_{\text{abs}} < 0.25\%$  @ 1550nm **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 (%):**

9.63 **Radius R<sub>1</sub> (mm):**

3.50 **f#:**

0.14 **Numerical Aperture NA:**

587.6 **Design Wavelength DWL (nm):**

5 J/cm<sup>2</sup> @ 1550nm, 10ns **Damage Threshold, By Design:**

## Regulatory Compliance

**Compliant** **RoHS 2015:**

**View** **Certificate of Conformance:**

**Compliant** **Reach 235:**

## PRODUCT DETAILS

- <0.25% Reflection at 1550nm
- 5 - 50mm Diameters Available
- 10 - 250mm EFL Designs Available
- **405nm, 532nm, 633nm, and 1064nm** 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](#).

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