

**TECHSPEC® 5mm Dia. x 10mm FL 633nm V-Coat, UV PCX Lens**



Stock **#34-106** **4 In Stock**

[Other Coating Options](#)

1  £120<sup>00</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-5	£120.80 each
Qty 6-25	£96.00 each
Qty 26-49	£91.20 each
Need More?	<a href="#">Request Quote</a>

**!** Prices shown are exclusive of VAT/local taxes

Product Downloads

**SPECIFICATIONS**

**General**

Plano-Convex Lens	Type:
<b>Physical &amp; Mechanical Properties</b>	
5.00 +0.0/-0.025	Diameter (mm):
≤1	Centering (arcmin):
2.00 ±0.05	Center Thickness CT (mm):
2.00	Edge Thickness ET (mm):
4.5	Clear Aperture CA (mm):
Protective as needed	Bevel:
Fine Ground, Protective Bevel as Needed	Edges:
<b>Optical Properties</b>	
10.00 @ 587.6nm	Effective Focal Length EFL (mm):
8.63	Back Focal Length BFL (mm):
Laser V-Coat (633nm)	Coating:
R <sub>abs</sub> <0.25% @ 633nm	Coating Specification:
Fused Silica (Corning 7980)	Substrate: <input type="checkbox"/>
40-20	Surface Quality:
1.5λ	Power (P-V) @ 632.8nm:
λ/4	Irregularity (P-V) @ 632.8nm:
±1	Focal Length Tolerance (%):
4.58	Radius R <sub>1</sub> (mm):
2.00	f#:
0.25	Numerical Aperture NA:
633	Design Wavelength DWL (nm):
5 J/cm <sup>2</sup> @ 633nm, 10ns	Damage Threshold, By Design: <input type="checkbox"/>
<b>Regulatory Compliance</b>	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 235:

## PRODUCT DETAILS

- <0.25% Reflection at 633nm for HeNe Applications
- 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.></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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