

TECHSPEC[®] 6mm Dia. x 12mm FL 1064nm V-Coat, Fused Silica PCX Lens



Stock **#25-879** **9 In Stock**

☐ [Other Coating Options](#)

-

1

+

A\$240^{.00}

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Volume Pricing	
Qty 1-5	A\$240.00 each
Qty 6-25	A\$192.00 each
Qty 26-49	A\$180.80 each
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Product Downloads

SPECIFICATIONS

General

Type:

Plano-Convex Lens	
Physical & Mechanical Properties	
6.00 +0.0/-0.025	Diameter (mm):
<1	Centering (arcmin):
2.00	Center Thickness CT (mm):
1.11	Edge Thickness ET (mm):
5.4	Clear Aperture CA (mm):
Protective as needed	Bevel:
Optical Properties	
12.00 @ 587.6nm	Effective Focal Length EFL (mm):
10.63	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 (%):
5.50	Radius R ₁ (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](#).

