

TECHSPEC[®] 9mm Dia. x 18mm FL 405nm V-Coat, UV PCX Lens



Stock **#25-860** **5 In Stock**

☐ [Other Coating Options](#)

-

1

+

S\$209⁰⁰

ADD TO CART

Volume Pricing	
Qty 1-5	S\$209.09 each
Qty 6-25	S\$167.27 each
Qty 26-49	S\$156.82 each
Need More?	Request Quote

Product Downloads

SPECIFICATIONS

General

Type:

Plano-Convex Lens	
Physical & Mechanical Properties	
9.00 +0.0/-0.025	Diameter (mm):
<1	Centering (arcmin):
3.00	Center Thickness CT (mm):
1.66	Edge Thickness ET (mm):
8.1	Clear Aperture CA (mm):
Protective as needed	Bevel:
Optical Properties	
18.00 @ 587.6nm	Effective Focal Length EFL (mm):
15.94	Back Focal Length BFL (mm):
405nm V-Coat	Coating:
Rabs <0.25% @ 405nm	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 (%):
8.25	Radius R ₁ (mm):
2	f/#:
0.25	Numerical Aperture NA:
405	Design Wavelength DWL (nm):
Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 235:

PRODUCT DETAILS

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

