TECHSPEC® 6mm Dia. x 12mm FL 532nm V-Coat, UV PCX Lens

Stock **#25-863** **5 In Stock**

Other Coating Options

- 1 + €141.11

ADD TO CART

Volume Pricing	
Qty 1-5	**€141,11** each
Qty 6-25	**€113,30** each
Qty 26-49	**€106,09** each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

Product Downloads

SPECIFICATIONS

General

Type:
Plano-Convex Lens

Physical & Mechanical Properties

Diameter (mm):
6.00 +0.0/-0.025

Centering (arcmin):
<1

Center Thickness CT (mm):
2.00

Edge Thickness ET (mm):
1.11

Clear Aperture CA (mm):
5.4

Bevel:
Protective as needed

Optical Properties

Effective Focal Length EFL (mm):
12.00 @ 587.6nm

Back Focal Length BFL (mm):
10.63

Coating:
532nm V-Coat

Coating Specification:
Rabs <0.25% @ 532nm

Substrate:
Fused Silica (Corning 7980)

Surface Quality:
40-20

Power (P-V) @ 632.8nm:
1.5λ

Irregularity (P-V) @ 632.8nm:
λ/4

Focal Length Tolerance (%):
±1

Radius R_1 (mm):
5.50

f/#:
2

Numerical Aperture NA:
0.25

Design Wavelength DWL (nm):
532

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

Reach 235:
Compliant

PRODUCT DETAILS

- <0.25% Reflection at 532nm for 2nd Harmonic Nd:YAG Applications
- 5 - 50mm Diameters Available
- 10 - 250mm EFL Designs Available
- **405nm**, **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.**