

TECHSPEC® 6mm Dia x 21mm FL 785nm V-Coat, UV PCX Lens



Stock #25-900 **5 In Stock**

S\$207^{.20}

ADD TO CART

Volume Pricing	
Qty 1-5	S\$207.20 each
Qty 6-25	S\$165.20 each
Qty 26-49	S\$155.40 each
Need More?	Request Quote

Product Downloads

General

Plano-Convex Lens Type:

Physical & Mechanical Properties

6.00 +0.0/-0.025 Diameter (mm):

Protective as needed Bevel:

Center Thickness CT (mm):

2.00

Centering (arcmin):

<1

Clear Aperture CA (mm):

5.4

Edge Thickness ET (mm):

1.52

Optical Properties

Effective Focal Length EFL (mm):

21.00 @ 587.6nm

Substrate:

[Fused Silica](#)

f#:

3.5

Numerical Aperture NA:

0.14

Coating:

785nm V-Coat

Back Focal Length BFL (mm):

19.63

Coating Specification:

R_{tabs} <0.25% @ 785nm

Design Wavelength DWL (nm):

785

Focal Length Tolerance (%):

±1

Radius R₁ (mm):

9.63

Surface Quality:

40-20

Power (P-V) @ 632.8nm:

1.5λ

Irregularity (P-V) @ 632.8nm:

λ/4

Regulatory Compliance

RoHS 2015:

[Compliant](#)

Certificate of Conformance:

[View](#)

Reach 235:

[Compliant](#)

Product Details

- <0.25% Reflection at 785nm
- 5 - 50mm Diameters Available
- 10 - 250mm EFL Designs Available
- [405nm](#), [532nm](#), [1064nm](#), and [1550nm](#) V-Coated Options Offered

TECHSPEC® Laser Line Coated Fused Silica PCXLenses 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.