

**TECHSPEC® 9mm Dia. x 27mm FL 785nm V-Coat, UV PCX Lens**



Stock #25-905 **5 In Stock**

⊖ 1 ⊕ €142<sup>14</sup>

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Volume Pricing	
Qty 1-5	€142,14 each
Qty 6-25	€113,30 each
Qty 26-49	€107,12 each
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

## SPECIFICATIONS

### General

Plano-Convex Lens      **Type:**

## Physical & Mechanical Properties

9.00 +0.0/-0.025 **Diameter (mm):**

Protective as needed **Bevel:**

2.00 **Center Thickness CT (mm):**

<1 **Centering (arcmin):**

8.1 **Clear Aperture CA (mm):**

1.15 **Edge Thickness ET (mm):**

## Optical Properties

27.00 @ 587.6nm **Effective Focal Length EFL (mm):**

**Fused Silica** **Substrate:**

3 **f#:**

0.17 **Numerical Aperture NA:**

785nm V-Coat **Coating:**

25.63 **Back Focal Length BFL (mm):**

$R_{\text{abs}} < 0.25\%$  @ 785nm **Coating Specification:**

785 **Design Wavelength DWL (nm):**

$\pm 1$  **Focal Length Tolerance (%):**

12.38 **Radius  $R_1$  (mm):**

40-20 **Surface Quality:**

1.5 $\lambda$  **Power (P-V) @ 632.8nm:**

$\lambda/4$  **Irregularity (P-V) @ 632.8nm:**

## Regulatory Compliance

**Compliant** **RoHS 2015:**

**View** **Certificate of Conformance:**

**Compliant** **Reach 235:**

## 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 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.