

TECHSPEC® 12mm Dia. x 50mm FL 785nm V-Coat, UV PCX Lens



Stock #25-911 **9 In Stock**

⊖ 1 ⊕ €146⁰⁰

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Volume Pricing	
Qty 1-5	€146,00 each
Qty 6-25	€116,00 each
Qty 26-49	€110,00 each
Need More?	Request Quote

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Plano-Convex Lens **Type:**

Physical & Mechanical Properties

12.00 +0.0/-0.025 **Diameter (mm):**

Protective as needed **Bevel:**

2.90	Center Thickness CT (mm):
<1	Centering (arcmin):
11	Clear Aperture CA (mm):
2.10	Edge Thickness ET (mm):

Optical Properties

50.00 @ 587.6nm	Effective Focal Length EFL (mm):
Fused Silica	Substrate: <input type="checkbox"/>
4.17	f#:
0.12	Numerical Aperture NA:
785nm V-Coat	Coating:
48.01	Back Focal Length BFL (mm):
$R_{\text{abs}} < 0.25\%$ @ 785nm	Coating Specification:
785	Design Wavelength DWL (nm):
± 1	Focal Length Tolerance (%):
22.92	Radius R_1 (mm):
40-20	Surface Quality:
1.5 λ	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.