

TECHSPEC® 50mm Dia. x 100mm FL 785nm V-Coat, UV PCX Lens



Stock **#25-922** 4 In Stock

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1

+

₹24,056

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Volume Pricing	
Qty 1-5	₹24,056 each
Qty 6-25	₹19,229 each
Qty 26-49	₹18,061 each
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SPECIFICATIONS

General

Type:
Plano-Convex Lens

Physical & Mechanical Properties

50.00 +0.0/-0.025	Diameter (mm):
Protective as needed	Bevel:
9.00	Center Thickness CT (mm):
<1	Centering (arcmin):
49	Clear Aperture CA (mm):
1.58	Edge Thickness ET (mm):

Optical Properties

100.00 @ 587.6nm	Effective Focal Length EFL (mm):
Fused Silica	Substrate:
2	f/#:
0.25	Numerical Aperture NA:
785nm V-Coat	Coating:
93.84	Back Focal Length BFL (mm):
R _{abs} <0.25% @ 785nm	Coating Specification:
785	Design Wavelength DWL (nm):
±1	Focal Length Tolerance (%):
45.85	Radius R ₁ (mm):
40-20	Surface Quality:
1.5λ	Power (P-V) @ 632.8nm:
λ/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.