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TECHSPEC[®] 6mm Dia. x 12mm FL 633nm V-Coat, UV PCX Lens



Stock **#25-871** **8 In Stock**

☐ [Other Coating Options](#)

-

1

+

₹12,585

Price inclusive of all taxes

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Volume Pricing	
Qty 1-5	₹12,585 each
Qty 6-25	₹10,106 each
Qty 26-49	₹9,462 each
Need More?	Request Quote

Product Downloads

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:
Laser V-Coat (633nm)	
	Coating Specification:
Rabs <0.25% @ 633nm	
	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):
633	

Regulatory Compliance	
	RoHS 2015:
Compliant	
	Certificate of Conformance:
View	
	Reach 235:
Compliant	
	Country of Origin:
Japan	
	Imported By:
Edmund Optics India Private Limited	

Need different specs or modifications?

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](#).

Product Details

- <0.25% Reflection at 633nm for HeNe Applications
- 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.></0.25%>

