

TECHSPEC<sup>®</sup> 5mm Dia. x 15mm FL 785nm V-Coat, UV PCX Lens



Stock **#25-896** 5 In Stock

-

1

+

S\$198<sup>.80</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | S\$198.80 each                |
| Qty 6-25       | S\$159.60 each                |
| Qty 26-49      | S\$149.80 each                |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

SPECIFICATIONS

General

Type:  
Plano-Convex Lens

Physical & Mechanical Properties

|                      |                           |
|----------------------|---------------------------|
| 5.00 +0.0/-0.025     | Diameter (mm):            |
| Protective as needed | Bevel:                    |
| 1.70                 | Center Thickness CT (mm): |
| <1                   | Centering (arcmin):       |
| 4.5                  | Clear Aperture CA (mm):   |
| 1.23                 | Edge Thickness ET (mm):   |

Optical Properties

|                                 |                                     |
|---------------------------------|-------------------------------------|
| 15.00 @ 587.6nm                 | Effective Focal Length EFL (mm):    |
| Fused Silica                    | Substrate: <input type="checkbox"/> |
| 3                               | f/#:                                |
| 0.17                            | Numerical Aperture NA:              |
| 785nm V-Coat                    | Coating:                            |
| 13.83                           | Back Focal Length BFL (mm):         |
| R <sub>abs</sub> <0.25% @ 785nm | Coating Specification:              |
| 785                             | Design Wavelength DWL (nm):         |
| ±1                              | Focal Length Tolerance (%):         |
| 6.88                            | Radius R <sub>1</sub> (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.