

**TECHSPEC® 5mm Dia. x 15mm FL 785nm V-Coat, UV PCX Lens**



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

⊖ 1 ⊕ £113.<sup>60</sup>

**ADD TO CART**

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | £113.60 each                  |
| Qty 6-25       | £91.20 each                   |
| Qty 26-49      | £85.60 each                   |
| Need More?     | <a href="#">Request Quote</a> |

! Prices shown are exclusive of VAT/local taxes

Product Downloads

**General**

Plano-Convex Lens **Type:**

**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):    |
| <a href="#">Fused Silica</a>    | 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

|                           |                             |
|---------------------------|-----------------------------|
| <a href="#">Compliant</a> | RoHS 2015:                  |
| <a href="#">View</a>      | Certificate of Conformance: |
| <a href="#">Compliant</a> | 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 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.