

TECHSPEC<sup>®</sup> 25mm Dia. x 50mm FL 785nm V-Coat, UV PCX Lens



Stock #25-914 4 In Stock

-

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+

A\$289<sup>.60</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | A\$289.60 each                |
| Qty 6-25       | A\$232.00 each                |
| Qty 26-49      | A\$217.60 each                |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

| General                          |                |
|----------------------------------|----------------|
| Plano-Convex Lens                | Type:          |
| Physical & Mechanical Properties |                |
| 25.00 +0.0/-0.025                | Diameter (mm): |
| Protective as needed             | Bevel:         |

|      |                           |
|------|---------------------------|
| 5.84 | Center Thickness CT (mm): |
| <1   | Centering (arcmin):       |
| 24   | Clear Aperture CA (mm):   |
| 2.13 | Edge Thickness ET (mm):   |

Optical Properties

|                                 |                                  |
|---------------------------------|----------------------------------|
| 50.00 @ 587.6nm                 | Effective Focal Length EFL (mm): |
| Fused Silica                    | Substrate: <div></div>           |
| 2                               | f#:                              |
| 0.25                            | Numerical Aperture NA:           |
| 785nm V-Coat                    | Coating:                         |
| 46.00                           | Back Focal Length BFL (mm):      |
| R <sub>abs</sub> <0.25% @ 785nm | Coating Specification:           |
| 785                             | Design Wavelength DWL (nm):      |
| ±1                              | Focal Length Tolerance (%):      |
| 22.92                           | 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 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.