

TECHSPEC<sup>®</sup> 12mm Dia. x 25mm FL 785nm V-Coat, UV PCX Lens



Stock **#25-908** 4 In Stock

-

1

+

£128<sup>.00</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | £128.00 each                  |
| Qty 6-25       | £102.40 each                  |
| Qty 26-49      | £96.80 each                   |
| Need More?     | <a href="#">Request Quote</a> |

Prices shown are exclusive of VAT/local taxes

Product Downloads

SPECIFICATIONS

General

Plano-Convex Lens

Type:

| Physical & Mechanical Properties |                                  |
|----------------------------------|----------------------------------|
| 12.00 +0.0/-0.025                | Diameter (mm):                   |
| Protective as needed             | Bevel:                           |
| 3.92                             | Center Thickness CT (mm):        |
| <1                               | Centering (arcmin):              |
| 11                               | Clear Aperture CA (mm):          |
| 2.22                             | Edge Thickness ET (mm):          |
| Optical Properties               |                                  |
| 25.00 @ 587.6nm                  | Effective Focal Length EFL (mm): |
| Fused Silica                     | Substrate: <input type="text"/>  |
| 2.08                             | f#:                              |
| 0.24                             | Numerical Aperture NA:           |
| 785nm V-Coat                     | Coating:                         |
| 22.31                            | Back Focal Length BFL (mm):      |
| R <sub>abs</sub> <0.25% @ 785nm  | Coating Specification:           |
| 785                              | Design Wavelength DWL (nm):      |
| ±1                               | Focal Length Tolerance (%):      |
| 11.46                            | 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.