

**TECHSPEC® 12.7mm Dia. x 25mm FL, 355nm Coated, Laser Grade PCX Lens**



TECHSPEC Laser Grade PCX Lenses

Stock **#38-681** 3-4 DAYS

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**£155.55**

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Qty 1-5

£155.55

Qty 6+

£124.10

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**Diameter (mm):**  
12.70 +0.00/-0.025

**Effective Focal Length EFL (mm):**  
25.00 @355nm

**Back Focal Length BFL (mm):**

|                                                                                               |
|-----------------------------------------------------------------------------------------------|
| 21.62                                                                                         |
| <b>Coating:</b><br>Laser V-Coat (355nm)                                                       |
| <b>Coating Specification:</b><br>R <sub>abs</sub> <0.25% @ 355nm                              |
| <b>Substrate:</b> <input type="checkbox"/><br><a href="#">Fused Silica</a> (Corning 7980)     |
| <b>Surface Quality:</b><br>10-5                                                               |
| <b>Power (P-V) @ 632.8nm:</b><br>λ                                                            |
| <b>Irregularity (P-V) @ 632.8nm:</b><br>λ/10                                                  |
| <b>Focal Length Tolerance (%):</b><br>±1                                                      |
| <b>Centering (arcmin):</b><br><1                                                              |
| <b>Center Thickness CT (mm):</b><br>5.00 ±0.10                                                |
| <b>Edge Thickness ET (mm):</b><br>3.16                                                        |
| <b>Radius R<sub>1</sub> (mm):</b><br>11.90                                                    |
| <b>Clear Aperture CA (mm):</b><br>11.43                                                       |
| <b>f/#:</b><br>1.97                                                                           |
| <b>Numerical Aperture NA:</b><br>0.25                                                         |
| <b>Design Wavelength DWL (nm):</b><br>355                                                     |
| <b>Type:</b><br>Plano-Convex Lens                                                             |
| <b>Bevel:</b><br>Protective bevel as needed                                                   |
| <b>Damage Threshold, By Design:</b> <input type="checkbox"/><br>7.5 J/cm² @ 355nm, 20ns, 20Hz |

### Regulatory Compliance

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