

**TECHSPEC® 25.4mm Dia. x 500mm FL, 266nm Coated, Laser Grade PCX Lens**



TECHSPEC Laser Grade PCX Lenses

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**£172.55**

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Qty 1-5

£172.55

Qty 6+

£137.70

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**Diameter (mm):**  
25.40 +0.00/-0.025

**Effective Focal Length EFL (mm):**  
500.00 @ 355nm

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

|                                                                                                         |
|---------------------------------------------------------------------------------------------------------|
| 497.44                                                                                                  |
| <b>Coating:</b><br>Laser V-Coat (266nm)                                                                 |
| <b>Coating Specification:</b><br>R <sub>abs</sub> <0.25% @ 266nm                                        |
| <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><3                                                                        |
| <b>Center Thickness CT (mm):</b><br>4.00 ±0.10                                                          |
| <b>Edge Thickness ET (mm):</b><br>3.63                                                                  |
| <b>Radius R<sub>1</sub> (mm):</b><br>238.04                                                             |
| <b>Clear Aperture CA (mm):</b><br>21.59                                                                 |
| <b>f/#:</b><br>19.69                                                                                    |
| <b>Numerical Aperture NA:</b><br>0.03                                                                   |
| <b>Design Wavelength DWL (nm):</b><br>266                                                               |
| <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>3 J/cm <sup>2</sup> @ 266nm, 20ns, 20Hz |

## Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Reach 209:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |