

**TECHSPEC® 9.0mm Diameter x 27.0mm FL, 405nm V-Coat, PCX Lens**



633nm Laser Line Coated Plano-Convex (PCX) Lenses



Stock **#65-456** 3-4 DAYS

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- 1 + **£38.67**

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| Qty 1-9 |
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**Diameter (mm):**  
9.00 +0.0/-0.025

|                                                                                                   |
|---------------------------------------------------------------------------------------------------|
| <b>Effective Focal Length EFL (mm):</b><br>27.00 @ 587.6nm                                        |
| <b>Back Focal Length BFL (mm):</b><br>25.34                                                       |
| <b>Coating:</b><br>Laser V-Coat (405nm)                                                           |
| <b>Coating Specification:</b><br>R <sub>abs</sub> <0.25% @ 405nm                                  |
| <b>Substrate:</b> <input type="checkbox"/><br><a href="#">N-BK7</a>                               |
| <b>Surface Quality:</b><br>40-20                                                                  |
| <b>Power (P-V) @ 632.8nm:</b><br>1.5λ                                                             |
| <b>Irregularity (P-V) @ 632.8nm:</b><br>λ/4                                                       |
| <b>Focal Length Tolerance (%):</b><br>±1                                                          |
| <b>Centering (arcmin):</b><br><1                                                                  |
| <b>Center Thickness CT (mm):</b><br>2.50 ±0.05                                                    |
| <b>Edge Thickness ET (mm):</b><br>1.75                                                            |
| <b>Radius R<sub>1</sub> (mm):</b><br>13.95                                                        |
| <b>Clear Aperture CA (mm):</b><br>8.1                                                             |
| <b>f/#:</b><br>3.00                                                                               |
| <b>Numerical Aperture NA:</b><br>0.17                                                             |
| <b>Design Wavelength DWL (nm):</b><br>405                                                         |
| <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> @ 405nm, 10ns |

## Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |
| <b>Reach 235:</b><br><a href="#">Compliant</a>             |