

**TECHSPEC® 25mm Dia. x 100mm FL, NIR I Coated, Plano-Convex Lens**



UV Fused Silica Plano-Convex (PCX) Lenses



Stock **#18-080** 3-4 DAYS

- 1 +

**€152,50**

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Qty 1-5

€152,50

Qty 6+

€122,00

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**Diameter (mm):**  
25.00 -0.025

**Effective Focal Length EFL (mm):**

|                                                                            |
|----------------------------------------------------------------------------|
| 100.00 @587.6nm                                                            |
| <b>Back Focal Length BFL (mm):</b><br>97.40                                |
| <b>Coating:</b><br>NIR I (600-1050nm)                                      |
| <b>Coating Specification:</b><br>R <sub>avg</sub> ≤0.5% @ 600 - 1050nm     |
| <b>Substrate:</b> <a href="#">Fused Silica</a> (Corning 7980)              |
| <b>Surface Quality:</b><br>40-20                                           |
| <b>Power (P-V) @ 632.8nm:</b><br>3 Rings                                   |
| <b>Irregularity (P-V) @ 632.8nm:</b><br>0.5 Rings                          |
| <b>Focal Length Tolerance (%):</b><br>±1                                   |
| <b>Centering (arcmin):</b><br><1                                           |
| <b>Center Thickness CT (mm):</b><br>3.79 ±0.10                             |
| <b>Edge Thickness ET (mm):</b><br>2.05                                     |
| <b>Radius R<sub>1</sub> (mm):</b><br>45.85                                 |
| <b>Clear Aperture CA (mm):</b><br>24                                       |
| <b>f/#:</b><br>4                                                           |
| <b>Numerical Aperture NA:</b><br>0.13                                      |
| <b>Type:</b><br>Plano-Convex Lens                                          |
| <b>Bevel:</b><br>Protective bevel as needed                                |
| <b>Wavelength Range (nm):</b><br>600 - 1050                                |
| <b>Damage Threshold, Reference:</b> <a href="#">7 J/cm² @ 1064nm, 10ns</a> |

### 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>             |