

**TECHSPEC® 25mm Dia. x 50mm FL VIS 0° Coated, UV Plano-Convex Lens**



UV Fused Silica Plano-Convex (PCX) Lenses



Stock **#48-962** ☐ In Stock

1

**C\$220.50**

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Qty 1-5

C\$220.50

Qty 6+

C\$176.40

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**Diameter (mm):**  
25.00 +0.0/-0.025

**Effective Focal Length EFL (mm):**  
50.00 @ 587.6nm

|                                                                                           |
|-------------------------------------------------------------------------------------------|
| <b>Back Focal Length BFL (mm):</b><br>46.00                                               |
| <b>Coating:</b><br>VIS 0° (425-675nm)                                                     |
| <b>Coating Specification:</b><br>R <sub>avg</sub> ≤0.4% @ 425 - 675nm                     |
| <b>Substrate:</b> <input type="checkbox"/><br><a href="#">Fused Silica</a> (Corning 7980) |
| <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>5.84 ±0.10                                            |
| <b>Edge Thickness ET (mm):</b><br>2.13                                                    |
| <b>Radius R<sub>1</sub> (mm):</b><br>22.92                                                |
| <b>Clear Aperture CA (mm):</b><br>24                                                      |
| <b>f/#:</b><br>2                                                                          |
| <b>Numerical Aperture NA:</b><br>0.25                                                     |
| <b>Type:</b><br>Plano-Convex Lens                                                         |
| <b>Bevel:</b><br>Protective bevel as needed                                               |
| <b>Wavelength Range (nm):</b><br>425 - 675                                                |
| <b>Damage Threshold, Reference:</b> <input type="checkbox"/><br>5 J/cm² @ 532nm, 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>             |