

TECHSPEC®

25mm Dia x 40mm FL Uncoated, UV Plano-Convex Lens



UV Fused Silica Plano-Convex (PCX) Lenses



Stock **#36-690** 3-4 DAYS

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1



€137,50

ADD TO CART

Qty 1-5

€137,50

Qty 6+

€110,00

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Diameter (mm):  
25.00 +0.0/-0.025

|                                                                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Effective Focal Length EFL (mm):</b><br>40.00 @ 587.6nm                                                                                         |
| <b>Back Focal Length BFL (mm):</b><br>34.86                                                                                                        |
| <b>Coating:</b><br>Uncoated                                                                                                                        |
| <b>Substrate:</b> <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>7.50 ±0.10                                                                                                     |
| <b>Edge Thickness ET (mm):</b><br>2.58                                                                                                             |
| <b>Radius R<sub>1</sub> (mm):</b><br>18.34                                                                                                         |
| <b>Clear Aperture CA (mm):</b><br>24                                                                                                               |
| <b>f/#:</b><br>1.6                                                                                                                                 |
| <b>Numerical Aperture NA:</b><br>0.3125                                                                                                            |
| <b>Type:</b><br>Plano-Convex Lens                                                                                                                  |
| <b>Bevel:</b><br>Protective bevel as needed                                                                                                        |
| <b>Wavelength Range (nm):</b><br>200 - 2200                                                                                                        |

### Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Reach 219:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |