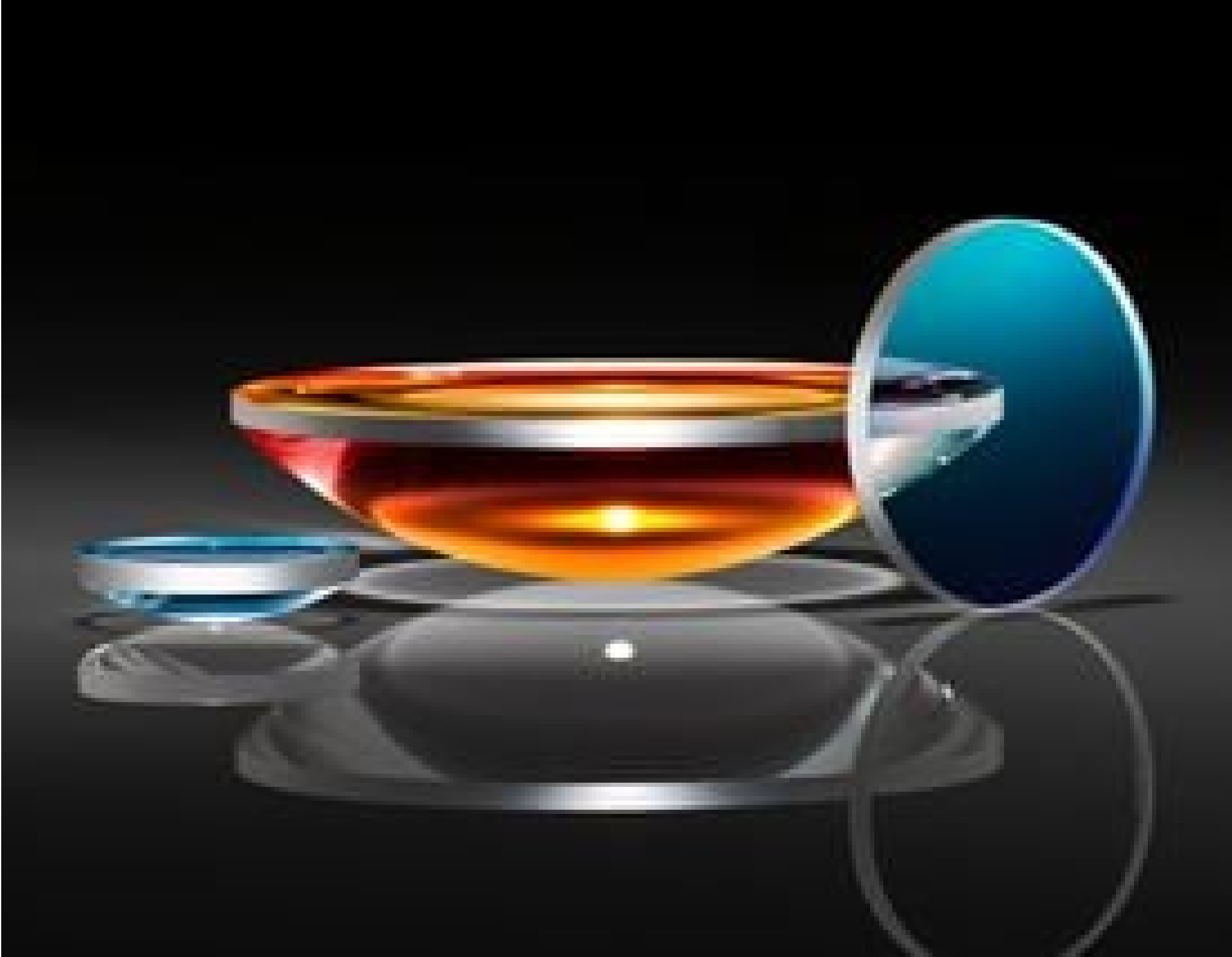


**TECHSPEC® 12mm Dia. x 25mm FL VIS 0° Coated, UV Plano-Convex Lens**



UV Fused Silica Plano-Convex (PCX) Lenses



Stock **#48-955** ☐ In Stock

1

**C\$199.50**

ADD TO CART

Qty 1-5

C\$199.50

Qty 6+

C\$159.60

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**Diameter (mm):**  
12.00 +0.0/-0.025

**Effective Focal Length EFL (mm):**  
25.00 @ 587.6nm

|                                                                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Back Focal Length BFL (mm):</b><br>22.31                                                                                                        |
| <b>Coating:</b><br>VIS 0° (425-675nm)                                                                                                              |
| <b>Coating Specification:</b><br>R <sub>avg</sub> ≤0.4% @ 425 - 675nm                                                                              |
| <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>3.92 ±0.05                                                                                                     |
| <b>Edge Thickness ET (mm):</b><br>2.22                                                                                                             |
| <b>Radius R<sub>1</sub> (mm):</b><br>11.46                                                                                                         |
| <b>Clear Aperture CA (mm):</b><br>11                                                                                                               |
| <b>f/#:</b><br>2.08                                                                                                                                |
| <b>Numerical Aperture NA:</b><br>0.24                                                                                                              |
| <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> <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>             |