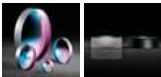


**TECHSPEC® 12.0mm Dia. x -100 FL, Uncoated, UV Plano-Concave Lens**



UV Fused Silica Plano-Concave (PCV) Lenses



Stock **#85-879** 3-5 DAYS

[Other Coating Options](#)

⊖ 1 ⊕

**A\$193.60**

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Qty 1-5

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Qty 6+

A\$154.80

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

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

|                                                               |
|---------------------------------------------------------------|
| -100.00                                                       |
| <b>Substrate:</b> <a href="#">Fused Silica</a> (Corning 7980) |
| <b>f#:</b><br>8.33                                            |
| <b>Numerical Aperture NA:</b><br>0.06                         |
| <b>Coating:</b><br>Uncoated                                   |
| <b>Type:</b><br>Plano-Concave Lens                            |
| <b>Wavelength Range (nm):</b><br>200 - 2200                   |
| <b>Back Focal Length BFL (mm):</b><br>-101.37                 |
| <b>Center Thickness CT (mm):</b><br>2.00                      |
| <b>Center Thickness Tolerance (mm):</b><br>±0.05              |
| <b>Centering (arcmin):</b><br><1                              |
| <b>Clear Aperture CA (mm):</b><br>11                          |
| <b>Edge Thickness ET (mm):</b><br>2.36                        |
| <b>Focal Length Specification Wavelength (nm):</b><br>587.6   |
| <b>Focal Length Tolerance (%):</b><br>±1                      |
| <b>Note:</b><br>Max. Flat Annulus is 0.3mm                    |
| <b>Radius R<sub>1</sub> (mm):</b><br>-45.85                   |
| <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                   |

## Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Reach 223:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |