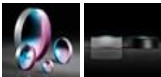


**TECHSPEC® 9.0mm Dia. x -13.5 FL, UV-AR Coated, UV Plano-Concave Lens**



UV Fused Silica Plano-Concave (PCV) Lenses



Stock **#46-311** 3-4 DAYS

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⊖ 1 ⊕

**£116.45**

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Qty 1-5

£116.45

Qty 6+

£93.08

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**Diameter (mm):**  
9.00 +0.0/-0.025

|                                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Effective Focal Length EFL (mm):<br>-13.50                                                                                                      |
| Substrate: <div><div></div><div>Fused Silica (Coming 7980)</div></div>                                                                          |
| f/#:<br>1.5                                                                                                                                     |
| Numerical Aperture NA:<br>0.33                                                                                                                  |
| Coating:<br>UV-AR (250-425nm)                                                                                                                   |
| Type:<br>Plano-Concave Lens                                                                                                                     |
| Wavelength Range (nm):<br>250 - 425                                                                                                             |
| Back Focal Length BFL (mm):<br>-14.89                                                                                                           |
| Center Thickness CT (mm):<br>2.00                                                                                                               |
| Center Thickness Tolerance (mm):<br>±0.05                                                                                                       |
| Centering (arcmin):<br><1                                                                                                                       |
| Clear Aperture CA (mm):<br>8.1                                                                                                                  |
| Coating Specification:<br>R <sub>abs</sub> ≤1.0% @ 250 - 425nm<br>R <sub>avg</sub> ≤0.75% @ 250 - 425nm<br>R <sub>avg</sub> ≤0.5% @ 370 - 420nm |
| Edge Thickness ET (mm):<br>3.64                                                                                                                 |
| Focal Length Specification Wavelength (nm):<br>587.6                                                                                            |
| Focal Length Tolerance (%):<br>±1                                                                                                               |
| Note:<br>Max. Flat Annulus is 0.3mm                                                                                                             |
| Radius R <sub>1</sub> (mm):<br>-6.20                                                                                                            |
| Surface Quality:<br>40-20                                                                                                                       |
| Damage Threshold, Reference: <div><div></div><div>3 J/cm<sup>2</sup> @ 355nm, 10ns</div></div>                                                  |
| Power (P-V) @ 632.8nm:<br>1.5λ                                                                                                                  |
| Irregularity (P-V) @ 632.8nm:<br>λ/4                                                                                                            |

## Regulatory Compliance

|                                     |
|-------------------------------------|
| RoHS 2015:<br>Compliant             |
| Certificate of Conformance:<br>View |
| Reach 235:<br>Compliant             |