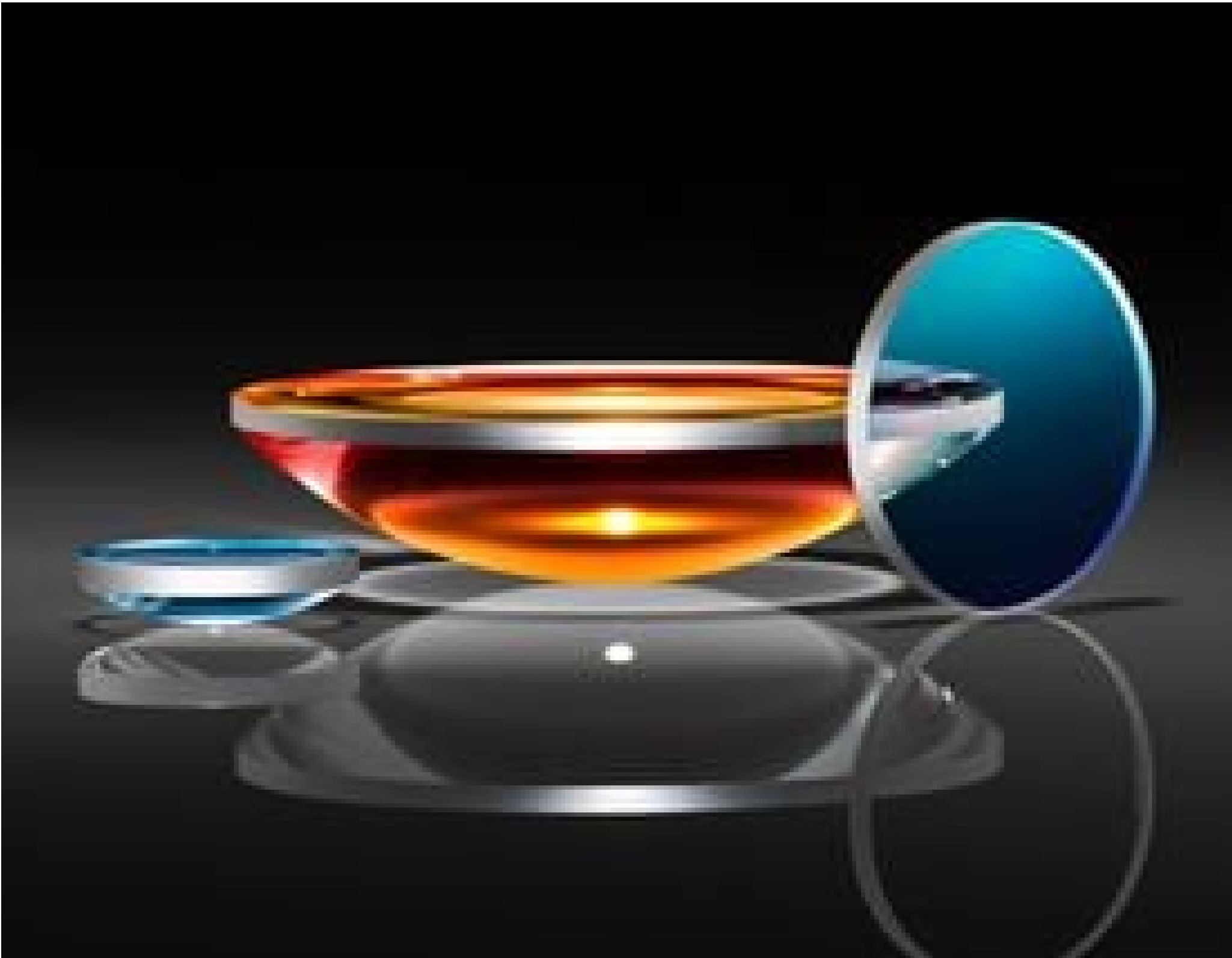
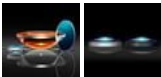


**TECHSPEC® 6mm Dia. x 9mm FL UV-AR Coated, UV Plano-Convex Lens**



UV Fused Silica Plano-Convex (PCX) Lenses



Stock **#46-255** 3-4 DAYS

⊖ 1 ⊕

**€137,50**

ADD TO CART

Qty 1-5

€137,50

Qty 6+

€110,00

Volume Pricing

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ⓘ Prices shown are exclusive of VAT/local taxes

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**Diameter (mm):**  
6.00 +0.0/-0.025

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

|                                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------|
| 9.00 @ 587.6nm                                                                                                                                  |
| Back Focal Length BFL (mm):<br>7.29                                                                                                             |
| Coating:<br>UV-AR (250-425nm)                                                                                                                   |
| 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 |
| Substrate: <input type="checkbox"/><br><a href="#">Fused Silica</a> (Corning 7980)                                                              |
| Surface Quality:<br>40-20                                                                                                                       |
| Power (P-V) @ 632.8nm:<br>1.5λ                                                                                                                  |
| Irregularity (P-V) @ 632.8nm:<br>λ/4                                                                                                            |
| Focal Length Tolerance (%):<br>±1                                                                                                               |
| Centering (arcmin):<br><3                                                                                                                       |
| Center Thickness CT (mm):<br>2.50 ±0.05                                                                                                         |
| Edge Thickness ET (mm):<br>1.21                                                                                                                 |
| Radius R <sub>1</sub> (mm):<br>4.13                                                                                                             |
| Clear Aperture CA (mm):<br>5.4                                                                                                                  |
| f/#:<br>1.5                                                                                                                                     |
| Numerical Aperture NA:<br>0.33                                                                                                                  |
| Type:<br>Plano-Convex Lens                                                                                                                      |
| Bevel:<br>Protective bevel as needed                                                                                                            |
| Wavelength Range (nm):<br>250 - 425                                                                                                             |
| Damage Threshold, Reference: <input type="checkbox"/><br>3 J/cm² @ 355nm, 10ns                                                                  |

## Regulatory Compliance

|                                                     |
|-----------------------------------------------------|
| RoHS 2015:<br><a href="#">Compliant</a>             |
| Certificate of Conformance:<br><a href="#">View</a> |
| Reach 235:<br><a href="#">Compliant</a>             |