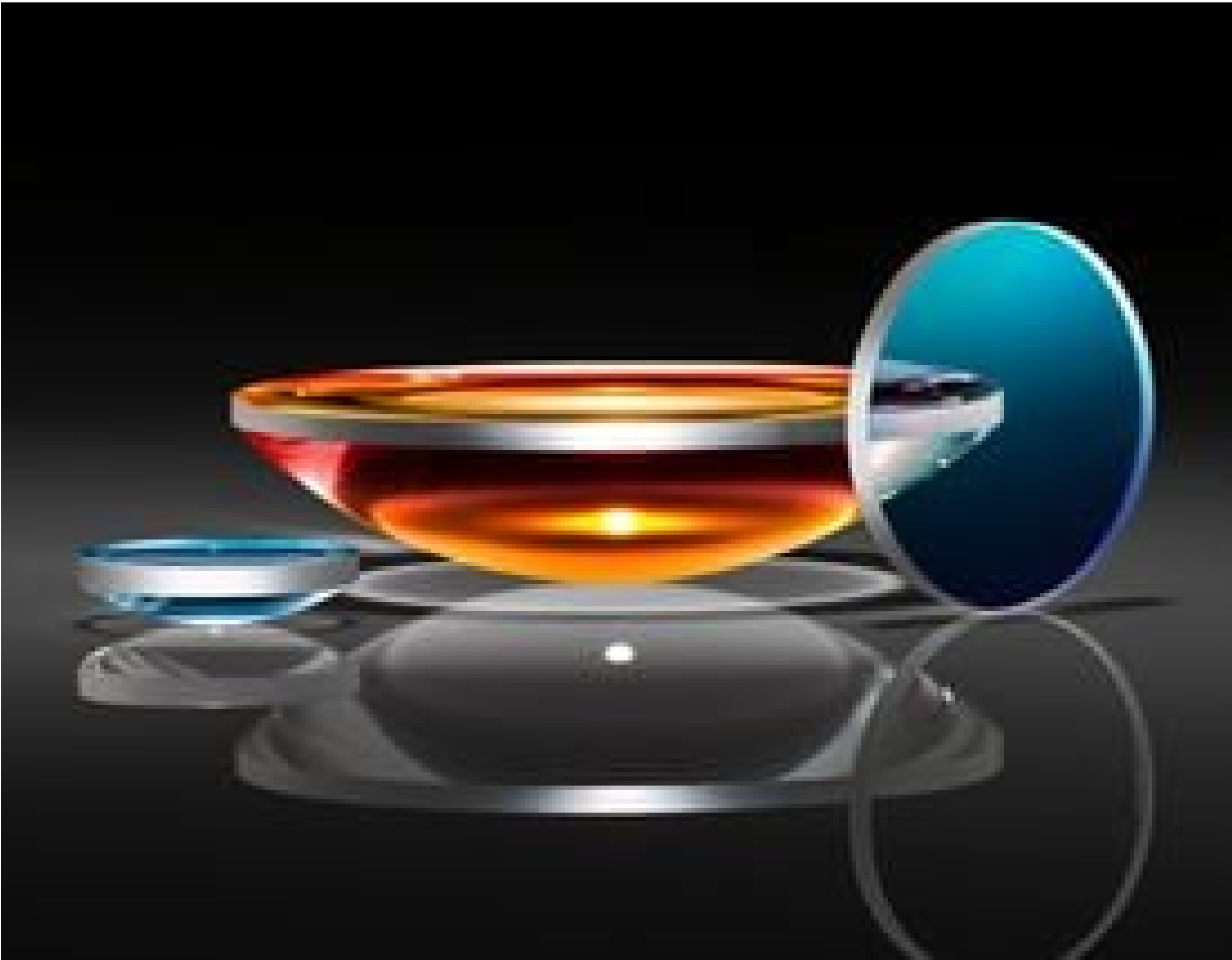


**TECHSPEC® 6mm Dia. x 12mm FL, VIS-EXT Coated, Plano-Convex Lens**



UV Fused Silica Plano-Convex (PCX) Lenses



Stock **#18-017** 3-4 DAYS

⊖ 1 ⊕

**€137,50**

ADD TO CART

Qty 1-5

€137,50

Qty 6+

€110,00

Volume Pricing

[Request Quote](#)

ⓘ Prices shown are exclusive of VAT/local taxes

Get Product Downloads



**Diameter (mm):**  
6.00 -0.025

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

|                                                                                           |
|-------------------------------------------------------------------------------------------|
| 12.00 @ 587.6nm                                                                           |
| <b>Back Focal Length BFL (mm):</b><br>10.63                                               |
| <b>Coating:</b><br>VIS-EXT (350-700nm)                                                    |
| <b>Coating Specification:</b><br>R <sub>avg</sub> <0.5% @ 350 - 700nm                     |
| <b>Substrate:</b> <input type="checkbox"/><br><a href="#">Fused Silica</a> (Corning 7980) |
| <b>Surface Quality:</b><br>40-20                                                          |
| <b>Power (P-V) @ 632.8nm:</b><br>3 Rings                                                  |
| <b>Irregularity (P-V) @ 632.8nm:</b><br>0.5 Rings                                         |
| <b>Focal Length Tolerance (%):</b><br>±1                                                  |
| <b>Centering (arcmin):</b><br><1                                                          |
| <b>Center Thickness CT (mm):</b><br>2.00 ±0.05                                            |
| <b>Edge Thickness ET (mm):</b><br>1.11                                                    |
| <b>Radius R<sub>1</sub> (mm):</b><br>5.50                                                 |
| <b>Clear Aperture CA (mm):</b><br>5                                                       |
| <b>f/#:</b><br>2                                                                          |
| <b>Numerical Aperture NA:</b><br>0.25                                                     |
| <b>Type:</b><br>Plano-Convex Lens                                                         |
| <b>Bevel:</b><br>Protective bevel as needed                                               |
| <b>Wavelength Range (nm):</b><br>350 - 700                                                |
| <b>Damage Threshold, By Design:</b> <input type="checkbox"/><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>             |