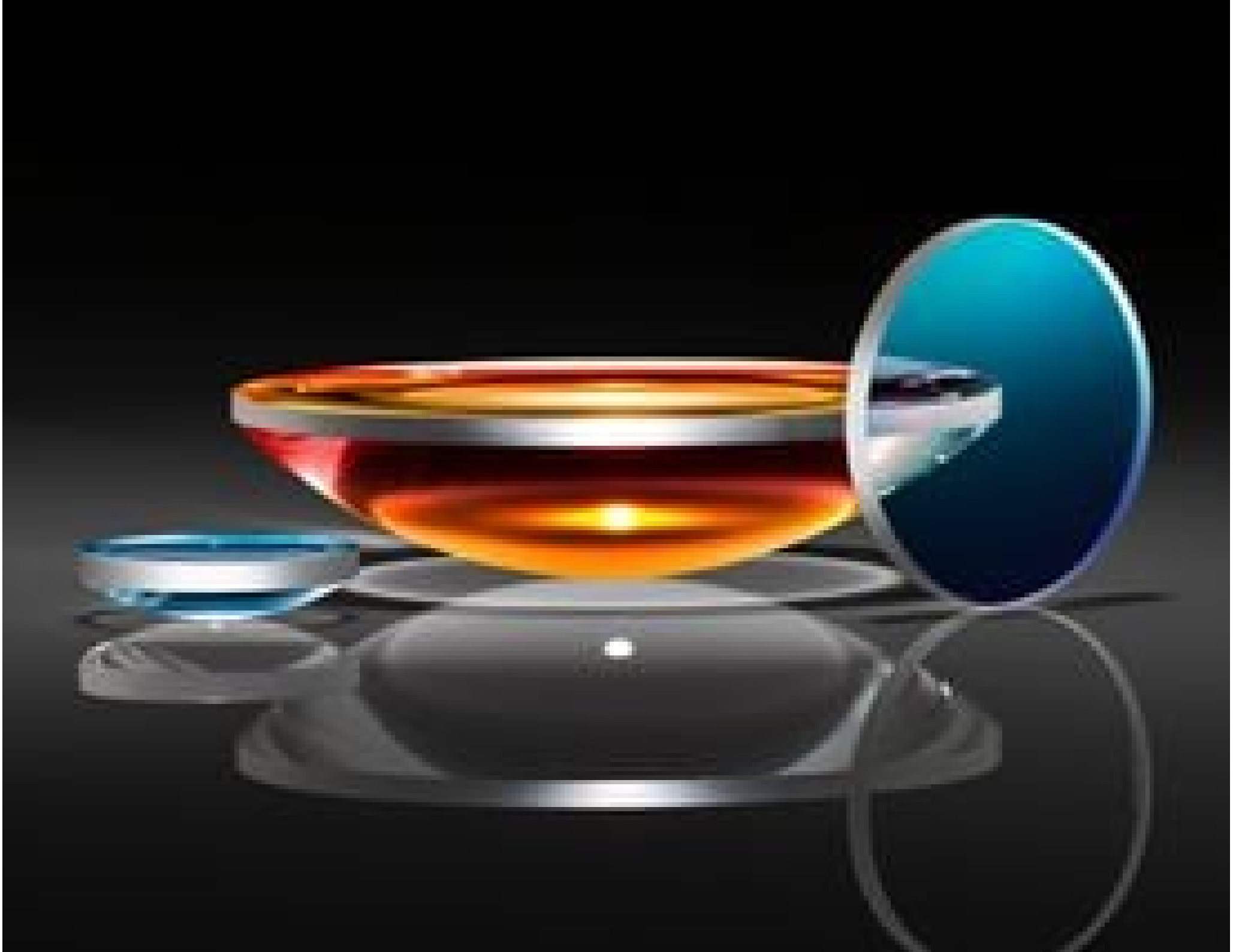
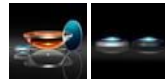


## TECHSPEC® 12mm Dia. x 40mm FL UV-AR Coated, UV Plano-Convex Lens



UV Fused Silica Plano-Convex (PCX) Lenses



Stock #48-031 3-5 DAYS

⊖ 1 ⊕ **A\$224.00**

**ADD TO CART**

Qty 1-5

A\$224.00

Qty 6+

A\$179.20

Volume Pricing

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

**Effective Focal Length EFL (mm):**  
40.00 @ 587.6nm

**Back Focal Length BFL (mm):**  
37.85

**Coating:**  
UV-AR (250-425nm)

**Coating Specification:**  
R<sub>abs</sub> ≤1.0% @ 250 - 425nm  
R<sub>avg</sub> ≤0.75% @ 250 - 425nm  
R<sub>avg</sub> ≤0.5% @ 370 - 420nm

**Substrate:**   
[Fused Silica](#) (Corning 7980)

**Surface Quality:**  
40-20

**Power (P-V) @ 632.8nm:**  
1.5λ

**Irregularity (P-V) @ 632.8nm:**  
λ/4

**Focal Length Tolerance (%):**  
±1

**Centering (arcmin):**  
<1

**Center Thickness CT (mm):**  
3.13 ±0.05

**Edge Thickness ET (mm):**  
2.12

**Radius R<sub>1</sub> (mm):**  
18.34

**Clear Aperture CA (mm):**  
11

**f#:**  
3.33

**Numerical Aperture NA:**  
0.15

**Type:**  
Plano-Convex Lens

**Bevel:**  
Protective bevel as needed

**Wavelength Range (nm):**  
250 - 425

**Damage Threshold, Reference:**   
3 J/cm<sup>2</sup> @ 355nm, 10ns

## Regulatory Compliance

**RoHS 2015:**  
[Compliant](#)

**Certificate of Conformance:**  
[View](#)

**Reach 235:**  
[Compliant](#)