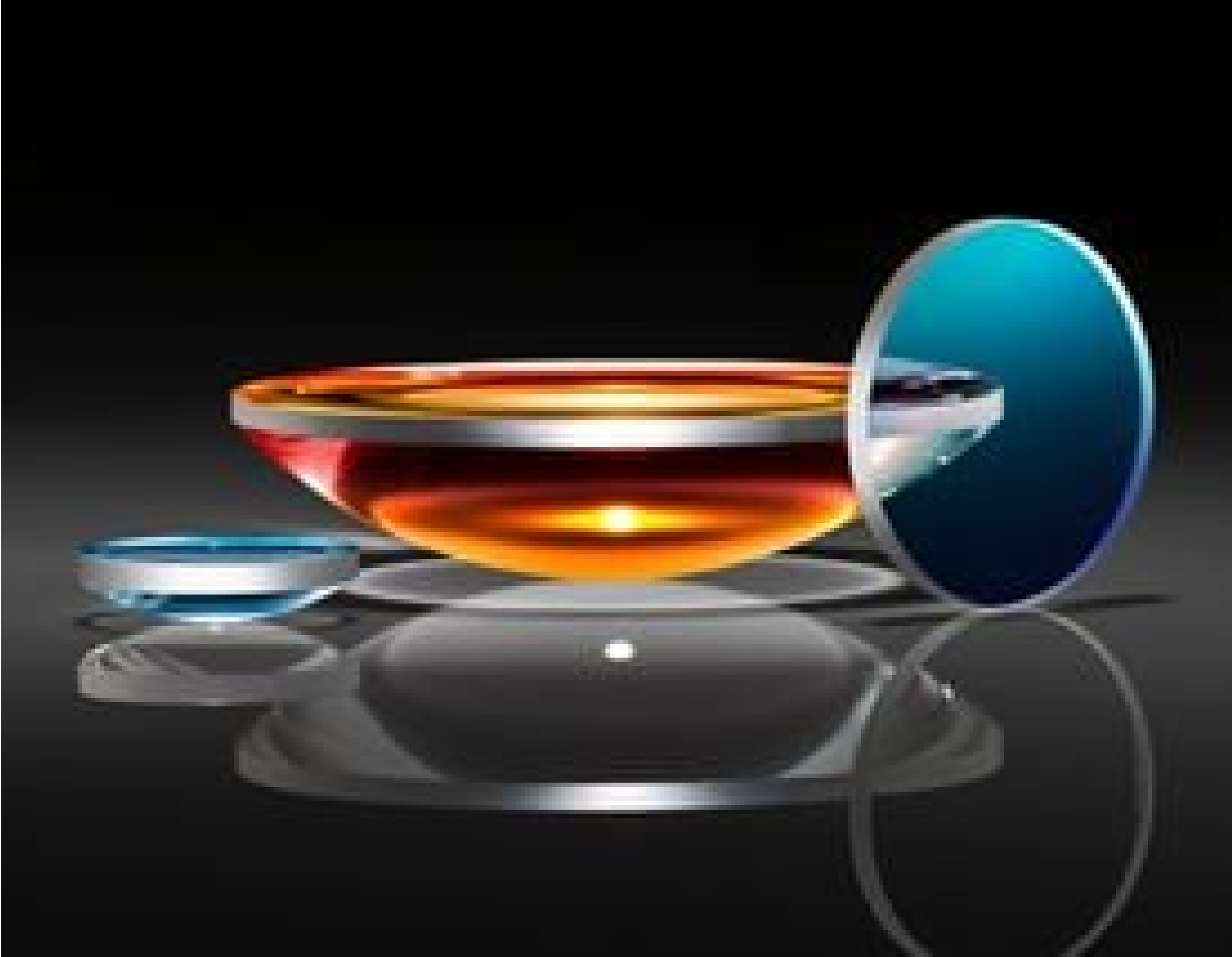


TECHSPEC[®] 12mm Dia. x 50mm FL Uncoated, UV Plano-Convex Lens



UV Fused Silica Plano-Convex (PCX) Lenses



Stock **#48-027** 3-5 DAYS

[Other Coating Options](#)

-

1

+

A\$176.00

ADD TO CART

Qty 1-5

A\$176.00

Qty 6+

A\$140.80

Volume Pricing

[Request Quote](#)

Get Product Downloads



Diameter (mm):
12.00 +0.0/-0.025

Effective Focal Length EFL (mm):

50.00 @ 587.6nm
Back Focal Length BFL (mm): 48.01
Coating: Uncoated
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): 2.90 ±0.05
Edge Thickness ET (mm): 2.10
Radius R₁ (mm): 22.92
Clear Aperture CA (mm): 11
f/#: 4.17
Numerical Aperture NA: 0.12
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 200 - 2200

Regulatory Compliance

RoHS 2015: Compliant
Reach 219: Compliant
Certificate of Conformance: View