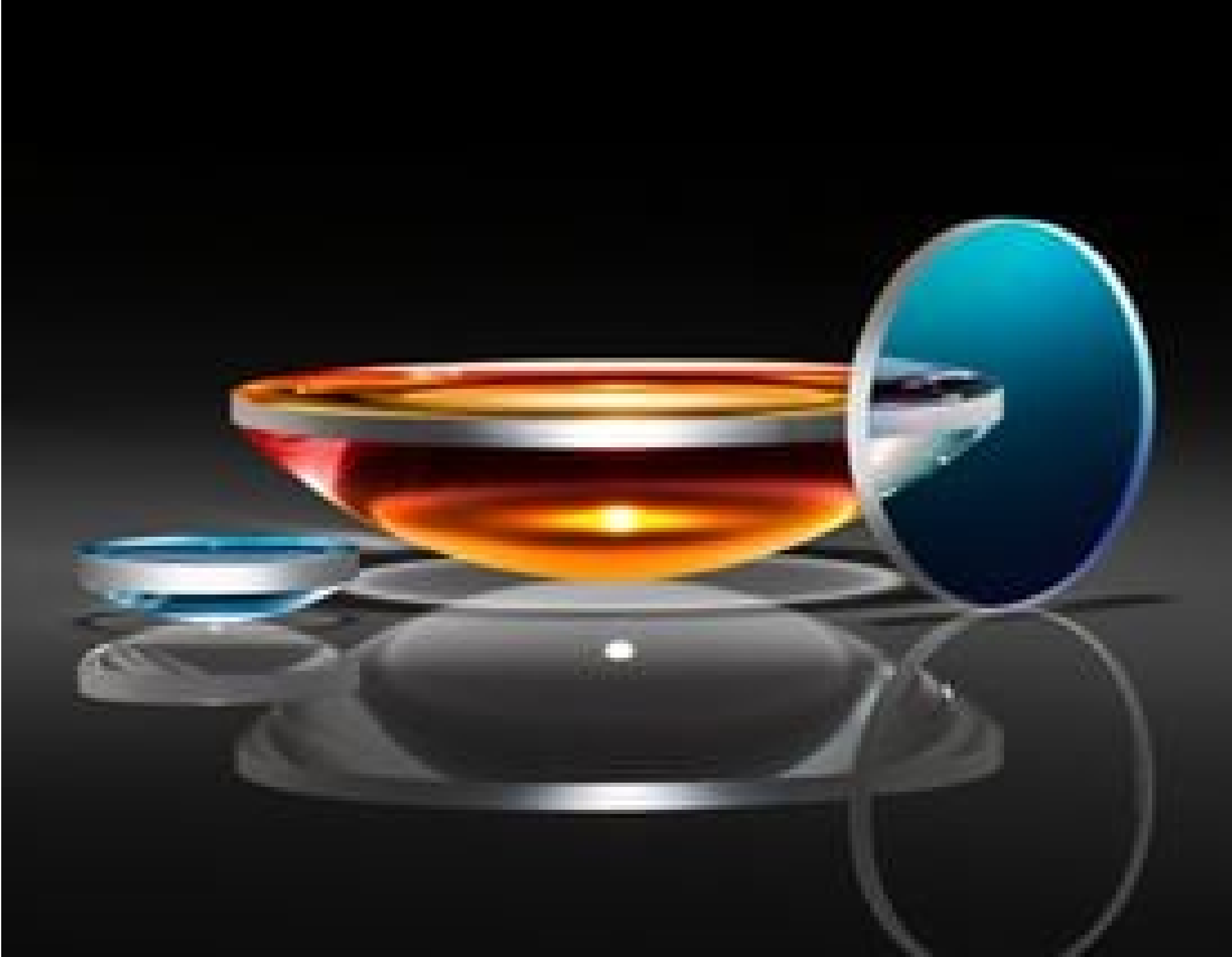


TECHSPEC® 25mm Dia. x 175mm FL UV-AR Coated, UV Plano-Convex Lens



UV Fused Silica Plano-Convex (PCX) Lenses



Stock **#48-289** 3-5 DAYS

- 1 +

A\$236.00

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Qty 1-5

A\$236.00

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A\$188.80

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Diameter (mm):
25.00 +0.0/-0.025

Effective Focal Length EFL (mm):
175.00 @587.6nm

Back Focal Length BFL (mm): 172.94
Coating: UV-AR (250-425nm)
Coating Specification: R_{abs} ≤1.0% @ 250 - 425nm R_{avg} ≤0.75% @ 250 - 425nm R_{avg} ≤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): 3.01 ±0.10
Edge Thickness ET (mm): 2.03
Radius R₁ (mm): 80.23
Clear Aperture CA (mm): 24
f/#: 7
Numerical Aperture NA: 0.07
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 250 - 425
Damage Threshold, Reference:  3 J/cm² @ 355nm, 10ns

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 235: Compliant