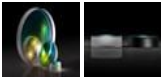
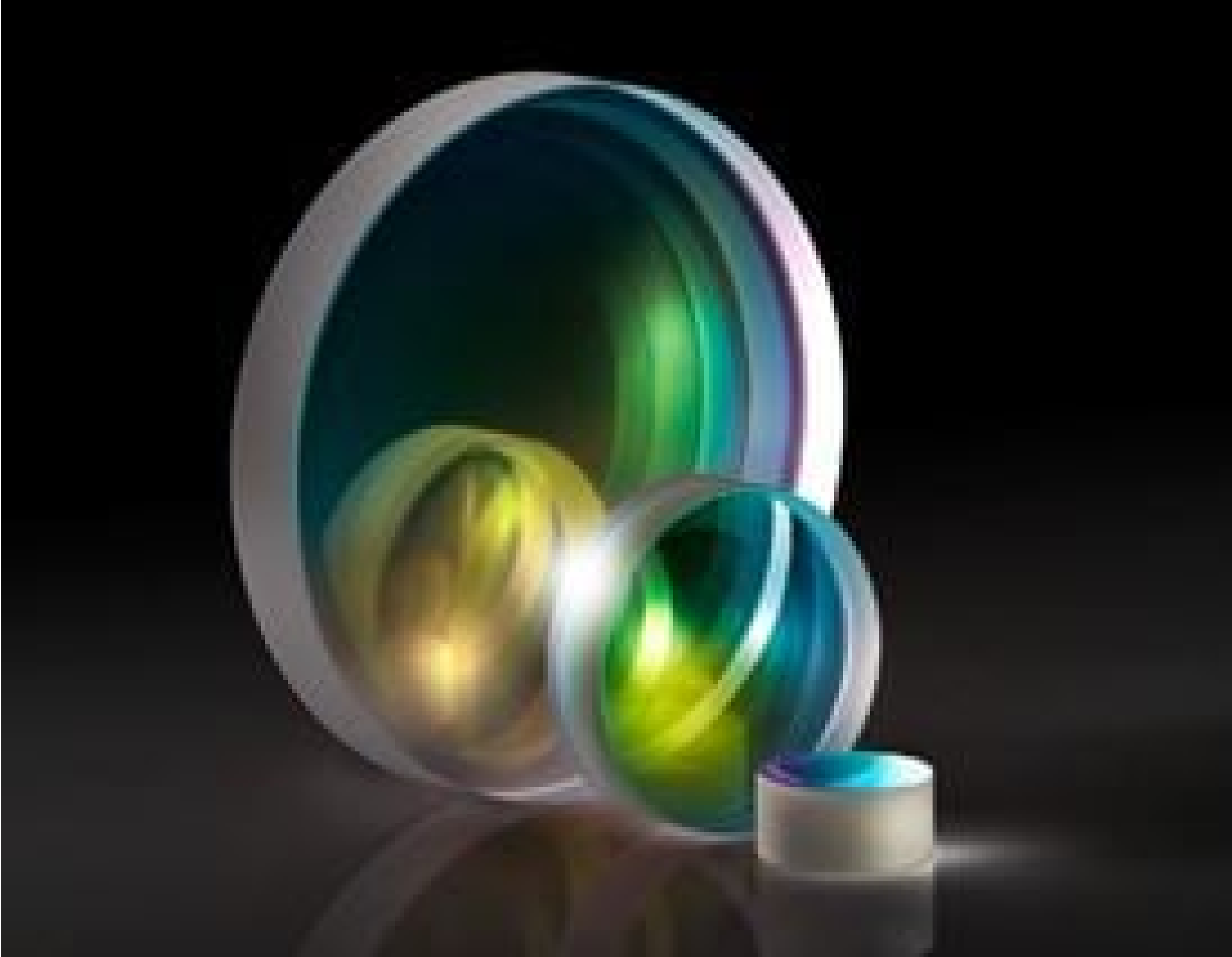


TECHSPEC®

25.0mm Dia. x -75 FL, 1064nm V-Coat, UV Plano-Concave Lens



Stock **#21-038** [CONTACT US](#)

-

1

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£126.65

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Diameter (mm):
25.00 +0.0/-0.025

Effective Focal Length EFL (mm):
-75.00

Substrate: Fused Silica (Coming 7980)
f#: 3.00
Numerical Aperture NA: 0.17
Coating: 1064nm V-Coat
Type: Plano-Concave Lens
Back Focal Length BFL (mm): -76.71
Center Thickness CT (mm): 2.50
Center Thickness Tolerance (mm): ±0.10
Centering (arcmin): <1
Clear Aperture CA (mm): 24
Coating Specification: R_{abs} <0.25% @ 1064nm
Design Wavelength DWL (nm): 1064
Edge Thickness ET (mm): 4.74
Focal Length Specification Wavelength (nm): 587.6
Focal Length Tolerance (%): ±1
Note: Max. Flat Annulus is 0.3mm
Radius R₁ (mm): -34.38
Surface Quality: 40-20
Damage Threshold, By Design: 15 J/cm² @ 1064nm, 10ns
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View