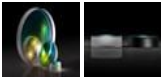
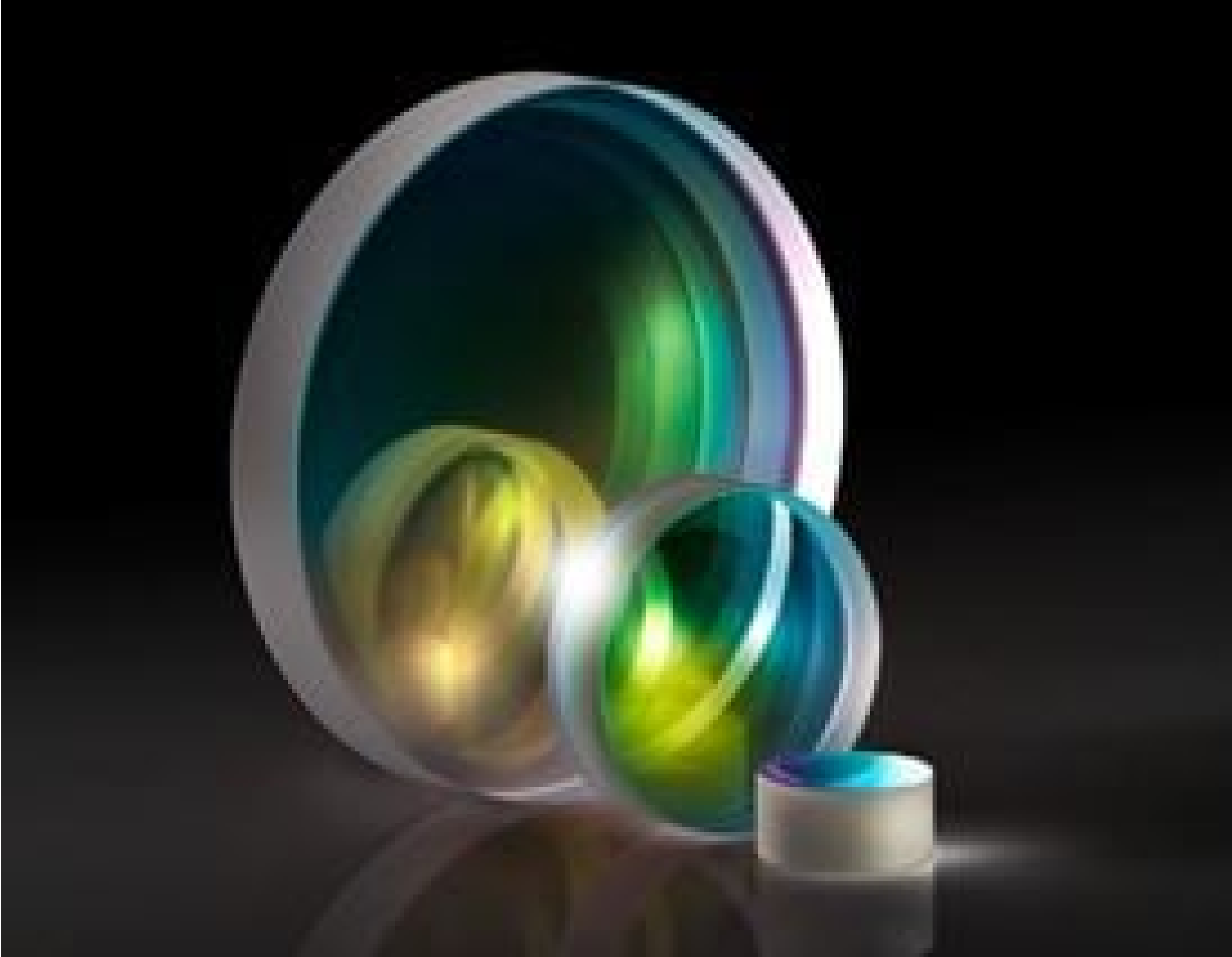


TECHSPEC[®] 12.0mm Dia. x -50 FL, 1064nm V-Coat , UV Plano-Concave Lens



Stock #21-035 3-5 DAYS

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1

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Diameter (mm):
12.00 +0.0/-0.025

Effective Focal Length EFL (mm):
-50.00

Substrate: Fused Silica (Coming 7980)
f#: 4.17
Numerical Aperture NA: 0.12
Coating: 1064nm V-Coat
Type: Plano-Concave Lens
Back Focal Length BFL (mm): -51.37
Center Thickness CT (mm): 2.00
Center Thickness Tolerance (mm): ±0.05
Centering (arcmin): <1
Clear Aperture CA (mm): 11
Coating Specification: Rabs <0.25% @ 1064nm
Design Wavelength DWL (nm): 1064
Edge Thickness ET (mm): 2.72
Focal Length Specification Wavelength (nm): 587.6
Focal Length Tolerance (%): ±1
Note: Max. Flat Annulus is 0.3mm
Radius R₁ (mm): -22.92
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