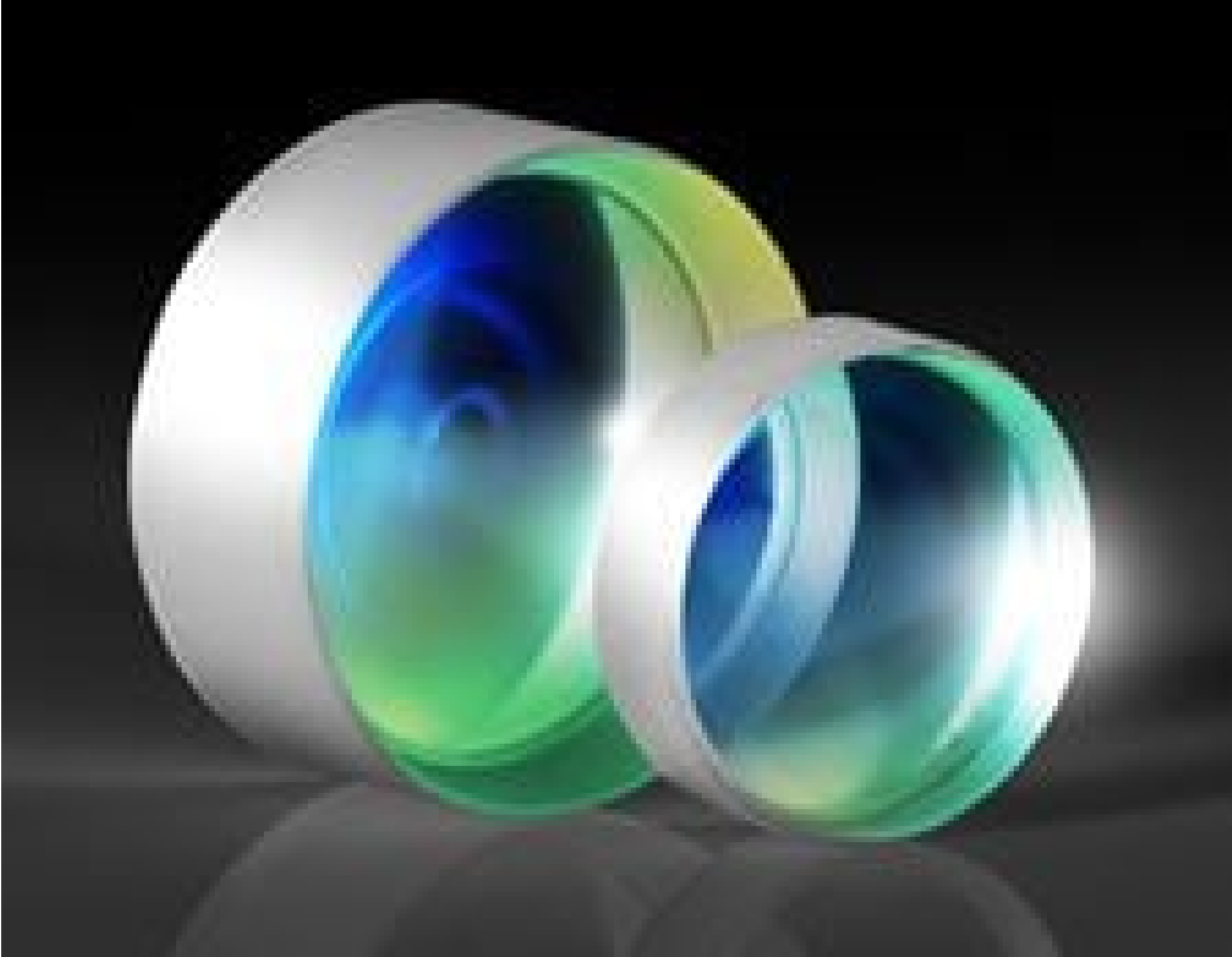


TECHSPEC[®] 6mm Dia. x -9mm FL, NIR I, Inked, Double-Concave Lens



Stock **#49-541-INK** 10-15 DAYS
[Other Coating Options](#)

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1

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Diameter (mm):
6.00 ±0.025

Effective Focal Length EFL (mm):
-9.00

Substrate: N-BK7
f/#: 1.5
Numerical Aperture NA: 0.33
Coating: NIR I (600-1050nm)
Type: Double-Concave Lens
Wavelength Range (nm): 600 - 1050
Back Focal Length BFL (mm): -9.32
Bevel: Protective bevel as needed
Center Thickness CT (mm): 1.00
Center Thickness Tolerance (mm): ±0.05
Centering (arcmin): <3
Clear Aperture CA (mm): 5.4
Coating Specification: R_{avg} ≤ 0.5% @ 600 - 1050nm
Edge Thickness ET (mm): 1.79
Focal Length Specification Wavelength (nm): 587.6
Focal Length Tolerance (%): ±1
Radius R₁=R₂ (mm): -9.47
Surface Quality: 40-20
Damage Threshold, By Design: 7 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