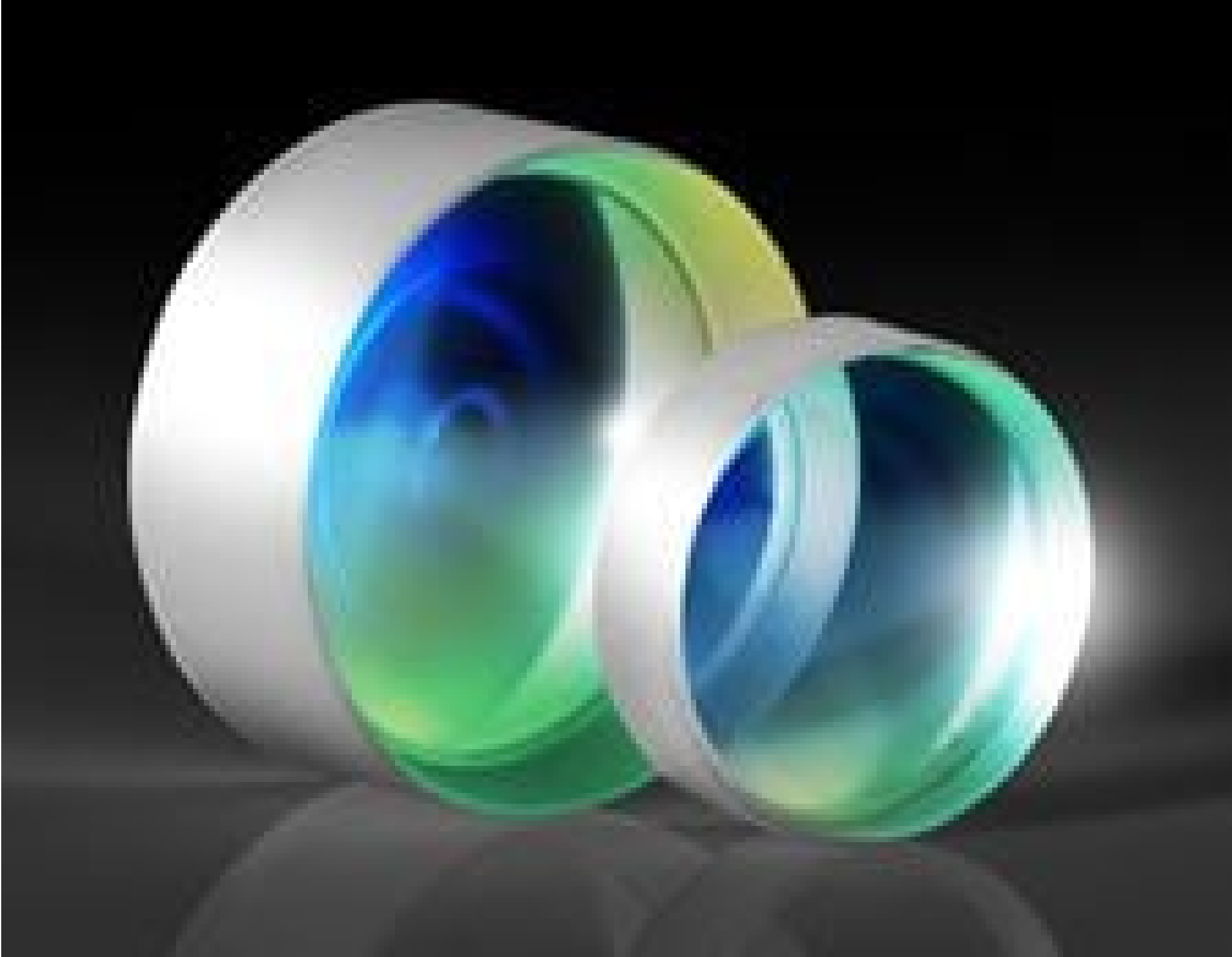


TECHSPEC® 12mm Dia. x -18mm FL, NIR I, Inked, Double-Concave Lens



Stock **#49-547-INK** 3-5 DAYS
[Other Coating Options](#)

- 1 + **C\$72.10**

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Qty 1-9
C\$72.10
Qty 10+
C\$64.75
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Diameter (mm):
12.00 ±0.025

Effective Focal Length EFL (mm):
-18.00

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): -18.65
Bevel: Protective bevel as needed
Center Thickness CT (mm): 2.00
Center Thickness Tolerance (mm): ±0.05
Centering (arcmin): <1
Clear Aperture CA (mm): 11.00
Coating Specification: R_{avg} ≤0.5% @ 600 - 1050nm
Edge Thickness ET (mm): 3.76
Focal Length Specification Wavelength (nm): 587.6
Focal Length Tolerance (%): ±1
Radius R₁=R₂ (mm): -18.94
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