

TECHSPEC[®] 12.5mm Dia. x 12.5mm FL, NIR II, Inked, Plano-Convex Lens



Stock **#38-397-INK** 10-15 DAYS
[Other Coating Options](#)

-

1

+

A\$82.40

ADD TO CART

Qty 1-9
A\$82.40
Qty 10+
A\$74.00
Volume Pricing
Request Quote

Get Product Downloads



Diameter (mm):
12.50 ±0.025

Effective Focal Length EFL (mm):
12.50 @ 587.6nm

Back Focal Length BFL (mm): 10.40
Coating: NIR II (750-1550nm)
Coating Specification: R _{abs} ≤1.5% @ 750 - 800nm R _{abs} ≤1.0% @ 800 - 1550nm R _{avg} ≤0.7% @ 750 - 1550nm
Substrate: ☐ N-SF11
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): 3.75 ±0.05
Edge Thickness ET (mm): 1.50
Radius R₁ (mm): 9.81
Clear Aperture CA (mm): 11.5
f#: 1.00
Numerical Aperture NA: 0.50
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 750 - 1550
Damage Threshold, By Design: ☐ 8 J/cm ² @ 1064nm, 10ns

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View