

TECHSPEC®

12.0mm Dia. x 48.0mm FL, NIR II, Inked, Plano-Convex Lens



Stock **#67-501-INK** [CONTACT US](#)

[Other Coating Options](#)

-

1

+

€51,50

ADD TO CART

Qty 1-9
€51,50
Qty 10+
€46,25
Volume Pricing
Request Quote

ⓘ Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Diameter (mm):
12.00 ±0.025

Effective Focal Length EFL (mm):

48.00 @ 587.6nm
Back Focal Length BFL (mm): 46.36
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-BK7
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): 2.50 ±0.05
Edge Thickness ET (mm): 1.76
Radius R₁ (mm): 24.82
Clear Aperture CA (mm): 11
f/#: 4
Numerical Aperture NA: 0.13
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 750 - 1550
Damage Threshold, By Design: ☐ 8 J/cm² @ 1064nm, 10ns

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View