

TECHSPEC® 6.0mm Dia. x 48.0mm FL, NIR II, Inked, Plano-Convex Lens



Stock **#67-469-INK** 3-5 DAYS
[Other Coating Options](#)

- 1 + **€47,00**

ADD TO CART

Qty 1-9
€47,00
Qty 10+
€42,25
Volume Pricing
Request Quote

ⓘ Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Diameter (mm):
6.00 ±0.025

Effective Focal Length EFL (mm):

48.00 @ 587.6nm
Back Focal Length BFL (mm): 46.95
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): 1.60 ±0.05
Edge Thickness ET (mm): 1.42
Radius R₁ (mm): 24.81
Clear Aperture CA (mm): 5.4
f/#: 8
Numerical Aperture NA: 0.06
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