

TECHSPEC® 12.0mm Dia. x 12.0mm FL, NIR I, Inked, Plano-Convex Lens



Stock **#48-732-INK** [CONTACT US](#)

[Other Coating Options](#)

- 1 + **£44.63**

ADD TO CART

Qty 1-9
£44.63
Qty 10+
£40.16
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):

12.00 @ 587.6nm
Back Focal Length BFL (mm): 9.76
Coating: NIR I (600-1050nm)
Coating Specification: R _{avg} ≤0.5% @ 600 - 1050nm
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): 4.00 ±0.05
Edge Thickness ET (mm): 1.84
Radius R₁ (mm): 9.42
Clear Aperture CA (mm): 11
f/#: 1
Numerical Aperture NA: 0.50
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 600 - 1050
Damage Threshold, By Design: ☐ 7 J/cm ² @ 1064nm, 10ns

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View