

TECHSPEC®

40.0mm Dia. x 100.0mm FL, NIR II, Inked, Plano-Convex Lens



Stock #33-375-INK 17 TO 22 D= DAYS

[Other Coating Options](#)



1



₹6,003.00

ADD TO CART

Qty 1-9

₹6,003.00

Qty 10+

₹5,394.00

Volume Pricing

[Request Quote](#)

Get Product Downloads



Diameter (mm):
40.00 ±0.025

Effective Focal Length EFL (mm):
100.00 @587.6nm

Back Focal Length BFL (mm): 95.39
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): 7.00 ±0.10
Edge Thickness ET (mm): 2.97
Radius R₁ (mm): 51.68
Clear Aperture CA (mm): 39
f#: 2.5
Numerical Aperture NA: 0.20
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