

TECHSPEC®

18.0mm Dia. x 20.0mm FL, NIR I, Inked, Plano-Convex Lens



Stock **#38-372-INK** 3-5 DAYS

[Other Coating Options](#)

- 1 +

C\$73.50

ADD TO CART

Qty 1-9
C\$73.50
Qty 10+
C\$66.15
Volume Pricing
Request Quote

Get Product Downloads



Diameter (mm):
18.00 ±0.025

Effective Focal Length EFL (mm):
20.00 @ 587.6nm

Back Focal Length BFL (mm): 17.59
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): 4.30 ±0.10
Edge Thickness ET (mm): 1.46
Radius R₁ (mm): 15.70
Clear Aperture CA (mm): 17
f/#: 1.11
Numerical Aperture NA: 0.45
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