

TECHSPEC®

9.0mm Dia. x 20mm FL, NIR II Coated, Plano-Convex Lens



Stock **#38-390** ☐ In Stock
[Other Coating Options](#)

-

1

+

C\$53.20

ADD TO CART

Qty 1-9
C\$53.20
Qty 10+
C\$47.95
Volume Pricing
Request Quote

Get Product Downloads



Diameter (mm):
9.00 +0.0/-0.025

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

Back Focal Length BFL (mm): 18.55
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): 2.20 ±0.05
Edge Thickness ET (mm): 1.17
Radius R₁ (mm): 10.34
Clear Aperture CA (mm): 8.1
f#: 2.22
Numerical Aperture NA: 0.23
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 750 - 1550
Damage Threshold, Reference: ☐ 8 J/cm ² @ 1064nm, 10ns

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 235: Compliant