

TECHSPEC® 6.0mm Diameter x -9 FL, NIR I, Inked, Plano-Concave Lens



Stock **#49-517-INK** 3-5 DAYS

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- 1 +

C\$68.60

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Diameter (mm):
6.00 ±0.025

Effective Focal Length EFL (mm):
-9.00

Substrate: N-SF11
f/#: 1.5
Numerical Aperture NA: 0.33
Coating: NIR I (600-1050nm)
Type: Plano-Concave Lens
Wavelength Range (nm): 600 - 1050
Back Focal Length BFL (mm): -9.84
Bevel: Protective bevel as needed
Center Thickness CT (mm): 1.50
Center Thickness Tolerance (mm): ±0.05
Centering (arcmin): <3
Clear Aperture CA (mm): 5.4
Coating Specification: R_{avg} ≤0.5% @ 600 - 1050nm
Edge Thickness ET (mm): 2.04
Focal Length Specification Wavelength (nm): 587.6
Focal Length Tolerance (%): ±1
Radius R₁ (mm): -7.06
Surface Quality: 40-20
Damage Threshold, By Design: 7 J/cm² @ 1064nm, 10ns
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View