

TECHSPEC® 6mm Diameter x -15 FL, NIR II, Inked, Plano-Concave Lens



Stock #67-985-INK 10-15 DAYS

[Other Coating Options](#)

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+

A\$78.40

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Diameter (mm):
6.00 ±0.025

Effective Focal Length EFL (mm):
-15.00

Substrate: N-BK7
f#: 2.5
Coating: NIR II (750-1550nm)
Type: Plano-Concave Lens
Wavelength Range (nm): 750 - 1550
Back Focal Length BFL (mm): -16.32
Center Thickness CT (mm): 2.00
Center Thickness Tolerance (mm): ±0.05
Centering (arcmin): <1
Clear Aperture CA (mm): 5.40
Coating Specification: R _{abs} ≤1.5% @ 750 - 800nm R _{abs} ≤1.0% @ 800 - 1550nm R _{avg} ≤0.7% @ 750 - 1550nm
Edge Thickness ET (mm): 2.49
Focal Length Specification Wavelength (nm): 587.6
Focal Length Tolerance (%): ±1.00
Radius R₁ (mm): -7.75
Surface Quality: 40-20
Damage Threshold, By Design: 8 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