

TECHSPEC[®] 6.0mm Dia. x 7.5mm FL, NIR II, Inked, Plano-Convex Lens



Stock #67-460-INK 10 TO 12 DAYS

[Other Coating Options](#)

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+

₹4,176.00

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Diameter (mm):
6.00 ±0.025

Effective Focal Length EFL (mm):
7.50 @ 587.6nm

Back Focal Length BFL (mm): 6.10
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-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): <3
Center Thickness CT (mm): 2.50 ±0.05
Edge Thickness ET (mm): 1.68
Radius R₁ (mm): 5.89
Clear Aperture CA (mm): 5.4
f#: 1.25
Numerical Aperture NA: 0.40
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