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SUBMIT

TECHSPEC® 12.0mm Dia. X 42.0mm FL, NIR II, Inked, Plano-Convex Lens



Stock #67-500-INK [CONTACT US](#)

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1



€51,50

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Qty 1-9

€51,50

Qty 10+

€46,25

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Diameter (mm):
12.00 ±0.025

Effective Focal Length EFL (mm):

42.00 @ 587.6nm
Back Focal Length BFL (mm): 40.22
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): 2.70 ±0.05
Edge Thickness ET (mm): 1.85
Radius R₁ (mm): 21.71
Clear Aperture CA (mm): 11
f/#: 3.5
Numerical Aperture NA: 0.14
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