

TECHSPEC[®] 12.0mm Dia. x 54.0mm FL, VIS-EXT, Inked, Plano-Convex Lens



Stock **#88-680-INK** 10-15 DAYS
[Other Coating Options](#)

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1

+

A\$86.40

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Diameter (mm):
12.00 ±0.025

Effective Focal Length EFL (mm):
54.00 @ 587.6nm

Back Focal Length BFL (mm): 52.02
Coating: VIS-EXT (350-700nm)
Coating Specification: R _{avg} <0.5% @ 350 - 700nm
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): 3.00 ±0.05
Edge Thickness ET (mm): 2.35
Radius R₁ (mm): 27.91
Clear Aperture CA (mm): 11
f#: 4.5
Numerical Aperture NA: 0.11
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 350 - 700
Damage Threshold, By Design: ☐ 5 J/cm ² @ 532nm, 10ns

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View