

TECHSPEC® 10.0mm Dia. x 100.0mm FL, VIS-EXT, Inked, Plano-Convex Lens



Stock **#88-670-INK** [CONTACT US](#)

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- 1 + **£42.92**

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£42.92
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Diameter (mm):
10.00 ±0.025

Effective Focal Length EFL (mm):

100.00 @587.6nm
Back Focal Length BFL (mm): 98.02
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): 2.76
Radius R₁ (mm): 51.68
Clear Aperture CA (mm): 9
f/#: 10
Numerical Aperture NA: 0.05
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