

TECHSPEC®

5.0mm Dia. x 10.0mm FL, NIR I, Inked, Plano-Convex Lens



Stock #48-711-INK 17 TO 22 D= DAYS

[Other Coating Options](#)



1



₹4,872.00

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Qty 1-9

₹4,872.00

Qty 10+

₹4,394.00

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Diameter (mm):
5.00 ±0.025

Effective Focal Length EFL (mm):
10.00 @ 587.6nm

Back Focal Length BFL (mm): 8.91
Coating: NIR I (600-1050nm)
Coating Specification: R _{avg} ≤0.5% @ 600 - 1050nm
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): <3
Center Thickness CT (mm): 1.64 ±0.05
Edge Thickness ET (mm): 1.00
Radius R₁ (mm): 5.17
Clear Aperture CA (mm): 4.5
f/#: 2
Numerical Aperture NA: 0.25
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 600 - 1050
Damage Threshold, By Design: ☐ 7 J/cm ² @ 1064nm, 10ns

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View