

TECHSPEC® 5.0mm Dia. x 25.0mm FL, NIR II, Inked, Plano-Convex Lens



Stock #87-921-INK [CONTACT US](#)

[Other Coating Options](#)

1 **C\$78.40**

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Qty 1-9

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Qty 10+

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Diameter (mm):
5.00 ±0.025

Effective Focal Length EFL (mm):

25.00 @ 587.6nm

Back Focal Length BFL (mm):
23.95

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):
1.60 ± 0.05

Edge Thickness ET (mm):
1.36

Radius R₁ (mm):
12.92

Clear Aperture CA (mm):
4.5

f/#:
5

Numerical Aperture NA:
0.10

Type:
Plano-Convex Lens

Bevel:
Protective bevel as needed

Wavelength Range (nm):
750 - 1550

Damage Threshold, By Design:
8 J/cm² @ 1064nm, 10ns

Regulatory Compliance

RoHS:
[Compliant](#)

Certificate of Conformance:
[View](#)
