

TECHSPEC® 6.0mm Dia. x 25mm FL, NIR I, Inked, Plano-Convex Lens



Stock #38-330-INK 3-5 DAYS

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⊖ 1 ⊕ **C\$65.80**

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Qty 1-9

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Qty 10+

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Diameter (mm):
6.00 ±0.025

Effective Focal Length EFL (mm):

25.00 @ 587.6nm

Back Focal Length BFL (mm):
24.04

Coating:
NIR I (600-1050nm)

Coating Specification:
 $R_{avg} \leq 0.5\%$ @ 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):
<1

Center Thickness CT (mm):
1.45 ±0.05

Edge Thickness ET (mm):
1.10

Radius R₁ (mm):
12.92

Clear Aperture CA (mm):
5.4

f#:
4.17

Numerical Aperture NA:
0.12

Type:
Plano-Convex Lens

Bevel:
Protective bevel as needed

Wavelength Range (nm):
600 - 1050

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

Regulatory Compliance

RoHS:
[Compliant](#)

Certificate of Conformance:
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