

TECHSPEC® 40.0mm Dia. x 80.0mm FL, VIS-EXT, Inked, Plano-Convex Lens



Stock #34-180-INK 10-15 DAYS

[Other Coating Options](#)

⊖ 1 ⊕ **S\$110.92**

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Qty 1-9

S\$110.92

Qty 10+

S\$99.69

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Diameter (mm):
40.00 ±0.025

Effective Focal Length EFL (mm):

80.00 @ 587.6nm

Back Focal Length BFL (mm):
74.73

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):
8.00 ±0.10

Edge Thickness ET (mm):
2.84

Radius R₁ (mm):
41.34

Clear Aperture CA (mm):
39

f#:
2.5

Numerical Aperture NA:
0.25

Type:
Plano-Convex Lens

Bevel:
Protective bevel as needed

Wavelength Range (nm):
350 - 700

Damage Threshold, By Design:
5 J/cm² @ 532nm, 10ns

Regulatory Compliance

RoHS:
[Compliant](#)

Certificate of Conformance:
[View](#)
