TECHSPEC® 40.0mm Dia. x 100.0mm FL, NIR I, Inked, Plano-Convex Lens

Stock **#33-374-INK** 10-15 DAYS

Other Coating Options

- 1 + **S$100.05**

ADD TO CART

Qty 1-9

S$100.05

Qty 10+

S$89.90

Volume Pricing

Request Quote

Get Product Downloads

Diameter (mm):
40.00 ±0.025

Effective Focal Length EFL (mm):
100.00 @ 587.6nm

Back Focal Length BFL (mm):
95.39

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):
<1

Center Thickness CT (mm):
7.00 ±0.10

Edge Thickness ET (mm):
2.97

Radius R_1 (mm):
51.68

Clear Aperture CA (mm):
39

f/#:
2.5

Numerical Aperture NA:
0.20

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