TECHSPEC® 20.0mm Diameter x -50 FL, NIR I, Inked, Plano-Concave Lens

Stock **#49-533-INK** 10-15 DAYS

Other Coating Options

- 1 + **S$77.58**

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Qty 1-9
S$77.58

Qty 10+
S$69.96

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CUSTOM OPTIONS

Diameter (mm):	20.00 ±0.025
Effective Focal Length EFL (mm):	-50.00

Substrate:
N-BK7

f/#:
2.5

Numerical Aperture NA:
0.20

Coating:
NIR I (600-1050nm)

Type:
Plano-Concave Lens

Wavelength Range (nm):
600 - 1050

Back Focal Length BFL (mm):
-52.31

Bevel:
Protective bevel as needed

Center Thickness CT (mm):
3.50

Center Thickness Tolerance (mm):
±0.10

Centering (arcmin):
<1

Clear Aperture CA (mm):
19.00

Coating Specification:
R_{avg} ≤0.5% @ 600 - 1050nm

Edge Thickness ET (mm):
5.21

Focal Length Specification Wavelength (nm):
587.6

Focal Length Tolerance (%):
±1

Radius R_1 (mm):
-25.84

Surface Quality:
40-20

Damage Threshold, By Design:
7 J/cm^2 @ 1064nm, 10ns

Power (P-V) @ 632.8nm:
1.5λ

Irregularity (P-V) @ 632.8nm:
λ/4

Regulatory Compliance

RoHS:
Compliant

Certificate of Conformance:
View