

TECHSPEC®

20.0mm Diameter x -30 FL, NIR I, Inked, Plano-Concave Lens



Stock **#49-531-INK** 10-15 DAYS

[Other Coating Options](#)

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1

+

A\$85.60

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Qty 1-9
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Diameter (mm):
20.00 ±0.025

Effective Focal Length EFL (mm):
-30.00

Substrate: N-SF11
f/#: 1.5
Numerical Aperture NA: 0.33
Coating: NIR I (600-1050nm)
Type: Plano-Concave Lens
Wavelength Range (nm): 600 - 1050
Back Focal Length BFL (mm): -31.96
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): 5.39
Focal Length Specification Wavelength (nm): 587.6
Focal Length Tolerance (%): ±1
Radius R₁ (mm): -23.54
Surface Quality: 40-20
Damage Threshold, By Design: 7 J/cm² @ 1064nm, 10ns
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View