

TECHSPEC® 25.0mm Diameter x -50 FL, NIR I, Inked, Plano-Concave Lens



Stock #49-536-INK 3-4 DAYS
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1 €54,50

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Diameter (mm):
25.00 ±0.025

Effective Focal Length EFL (mm):

-50.00
Substrate: N-BK7
f#: 2.00
Numerical Aperture NA: 0.25
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): 24.00
Coating Specification: Ravg ≤0.5% @ 600 - 1050nm
Edge Thickness ET (mm): 6.33
Focal Length Specification Wavelength (nm): 587.6
Focal Length Tolerance (%): ±1
Radius R₁ (mm): -25.84
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