

TECHSPEC® 25mm Diameter x -50 FL, VIS 0°, Inked, Plano-Concave Lens



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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: VS 0° (425-675nm)
Type: Plano-Concave Lens
Wavelength Range (nm): 425 - 675
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: R_{avg} ≤0.4% @ 425 - 675nm
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: 5 J/cm² @ 532nm, 10ns
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View