

TECHSPEC[®] 25mm Dia. x 40mm FL, NIR II Coated, Double-Convex Lens



Stock **#67-650** 3-4 DAYS

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1

+

£37.40

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Diameter (mm):
25.00 +0.0/-0.025

Back Focal Length BFL (mm):

38.21
Effective Focal Length EFL (mm): 40.00
Coating: NIR II (750-1550nm)
Coating Specification: R _{abs} ≤1.5% @ 750 - 800nm R _{abs} ≤1.0% @ 800 - 1550nm R _{avg} ≤0.7% @ 750 - 1550nm
Substrate: ☐ N-BK7
Surface Quality: 40-20
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4
Centering (arcmin): <1
Center Thickness CT (mm): 5.30
Center Thickness Tolerance (mm): ±0.10
Edge Thickness ET (mm): 1.34
Radius R ₁ =R ₂ (mm): 40.42
Clear Aperture CA (mm): 24.00
f/#: 1.6
Focal Length Specification Wavelength (nm): 587.6
Focal Length Tolerance (%): ±1.00
Numerical Aperture NA: 0.31
Type: Double-Convex Lens
Wavelength Range (nm): 750 - 1550
Damage Threshold, Reference: ☐ 8 J/cm ² @ 1064nm, 10ns

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 235: Compliant