

TECHSPEC®

40.0mm Dia. x 40.0mm FL, NIR II Coated, Plano-Convex Lens



Stock **#67-574** ☐ In Stock
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-

1

+

£51.00

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Qty 1-9
£51.00
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£45.90
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ⓘ Prices shown are exclusive of VAT/local taxes

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Diameter (mm):
40.00 +0.0/-0.025

Effective Focal Length EFL (mm):

40.00 @ 587.6nm
Back Focal Length BFL (mm): 35.13
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-SF11
Surface Quality: 40-20
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4
Focal Length Tolerance (%): ±1
Centering (arcmin): <1
Center Thickness CT (mm): 8.70 ±0.10
Edge Thickness ET (mm): 1.50
Radius R₁ (mm): 31.39
Clear Aperture CA (mm): 39
f/#: 1
Numerical Aperture NA: 0.50
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 750 - 1550
Damage Threshold, By Design: ☐ 8 J/cm² @ 1064nm, 10ns

Regulatory Compliance

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