

TECHSPEC® 5.0mm Dia. x 7.5mm FL, NIR II Coated, Plano-Convex Lens



Stock **#67-454** 3-4 DAYS
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- 1 + **€46,00**

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€46,00
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€41,50
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Diameter (mm):
5.00 +0.0/-0.025

Effective Focal Length EFL (mm):

7.50 @ 587.6nm
Back Focal Length BFL (mm): 6.43
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): <3
Center Thickness CT (mm): 1.90 ±0.05
Edge Thickness ET (mm): 1.34
Radius R₁ (mm): 5.89
Clear Aperture CA (mm): 4.5
f/#: 1.5
Numerical Aperture NA: 0.33
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