

TECHSPEC®

2.5mm Dia. x 4.0mm FL, NIR I Coated, Plano-Convex Lens



Stock **#48-646** ☐ In Stock
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1

+

C\$107.10

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Diameter (mm):
2.50 +0.0/-0.025

Effective Focal Length EFL (mm):
4.00 @ 587.6nm

Back Focal Length BFL (mm): 3.57
Coating: NIR I (600-1050nm)
Coating Specification: R _{avg} ≤0.5% @ 600 - 1050nm
Substrate: ☐ N-LASF9
Surface Quality: 20-10
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4
Focal Length Tolerance (%): ±1
Centering (arcmin): 30-45, typical
Center Thickness CT (mm): 0.80 ±0.05
Edge Thickness ET (mm): 0.56
Radius R₁ (mm): 3.40
Clear Aperture CA (mm): 2
f/#: 1.6
Numerical Aperture NA: 0.31
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 600 - 1050
Damage Threshold, By Design: ☐ 7 J/cm ² @ 1064nm, 10ns

Regulatory Compliance

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