

TECHSPEC®

40.0mm Dia. x 100.0mm FL, NIR I Coated, Plano-Convex Lens



Stock #33-374

10 TO 12 DAYS

[Other Coating Options](#)

-

1

+

₹5,133.00

ADD TO CART

Qty 1-9
₹5,133.00
Qty 10+
₹4,611.00
Volume Pricing
Request Quote

Get Product Downloads



Diameter (mm):
40.00 +0.0/-0.025

Effective Focal Length EFL (mm):
100.00 @587.6nm

Back Focal Length BFL (mm): 95.39
Coating: NIR I (600-1050nm)
Coating Specification: R _{avg} ≤0.5% @ 600 - 1050nm
Substrate: ☐ N-BK7
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): 7.00 ±0.10
Edge Thickness ET (mm): 2.97
Radius R₁ (mm): 51.68
Clear Aperture CA (mm): 39
f/#: 2.5
Numerical Aperture NA: 0.20
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