

TECHSPEC®

25.4mm Dia x 100mm FL, NIR II Imaging Grade PCX Cylinder Lens



Stock **#34-633** 3-4 DAYS

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1

+

£90.10

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£90.10
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Diameter (mm):

25.40 +0.0/-0.025

Effective Focal Length EFL (mm):

100.00

Substrate: ☐

N-BK7

f/#: 4.00
Numerical Aperture NA: 0.13
Coating: NIR II (750-1550nm)
Type: Cylinder Lens, Plano-Convex
Wavelength Range (nm): 750 - 1550
Back Focal Length BFL (mm): 97.92
Bevel: Protective bevel as needed
Center Thickness CT (mm): 3.16
Center Thickness Tolerance (mm): ±0.1
Clear Aperture CA (mm): 22.86
Coating Specification: R _{abs} ≤1.5% @ 750 - 800nm R _{abs} ≤1.0% @ 800 - 1550nm R _{avg} ≤0.7% @ 750 - 1550nm
Edge Thickness ET (mm): 1.58
Focal Length Tolerance (%): ±1
Radius R₁ (mm): 51.68
Surface Quality: 40-20
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4
Plano Axis Wedge (arcmin): <5
Power Axis Wedge (arcmin): <5

Regulatory Compliance

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