

TECHSPEC®

25.4mm Dia x 150mm FL, NIR I Imaging Grade PCX Cylinder Lens



Stock #34-675

3-4 DAYS

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1

+

£90.10

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Qty 1-5
£90.10
Qty 6+
£72.25
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Diameter (mm):

25.40 +0.0/-0.025

Effective Focal Length EFL (mm):

150.00

Substrate:

N-BK7

f/#: 6.00
Numerical Aperture NA: 0.08
Coating: NIR I (600-1050nm)
Type: Cylinder Lens, Plano-Convex
Wavelength Range (nm): 600 - 1050
Back Focal Length BFL (mm): 147.69
Bevel: Protective bevel as needed
Center Thickness CT (mm): 3.50
Center Thickness Tolerance (mm): ±0.1
Clear Aperture CA (mm): 22.86
Coating Specification: R _{avg} ≤0.5% @ 600 - 1050nm
Edge Thickness ET (mm): 2.45
Focal Length Tolerance (%): ±1
Radius R₁ (mm): 77.52
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