

TECHSPEC®

50mm H x 25mm L x 100mm FL VIS-NIR Coated, Illumination Grade PCX Cylinder Lens



Stock #69-789 ☐ In Stock

-

1

+

C\$180.60

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Qty 1-5
C\$180.60
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Effective Focal Length EFL (mm):
100.00

Substrate: ☐
[N-BK7](#)

f/#:
2

Numerical Aperture NA: 0.25
Coating: VIS-NIR (400-1000nm)
Type: Cylinder Lens, Plano-Convex
Wavelength Range (nm): 400 - 1000
Back Focal Length BFL (mm): 94.93
Center Thickness CT (mm): 7.70
Center Thickness Tolerance (mm): ±0.1
Coating Specification: R _{abs} ≤0.25% @ 880nm R _{avg} ≤1.25% @ 400 - 870nm R _{avg} ≤1.25% @ 890 - 1000nm
Dimensional Tolerance (mm): +0.0/-0.2
Dimensions (mm): 50.0 x 25.0
Edge Thickness ET (mm): 1.28
Focal Length Tolerance (%): ±3
Radius R₁ (mm): 51.85
Surface Quality: 60-40
Damage Threshold, By Design: ☐ 5 J/cm² @ 532nm, 10ns

Regulatory Compliance

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