

TECHSPEC®

12.5mm Dia x 50mm FL VIS-NIR Coated, Illumination Grade PCX Cylinder Lens



Stock #69-770 ☐ In Stock

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1

+

€82,00

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Qty 1-5
€82,00

Qty 6+
€65,50

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Diameter (mm):
12.50

Effective Focal Length EFL (mm):
50.00

Substrate: ☐
N-BK7

f/#: 4
Numerical Aperture NA: 0.13
Coating: VIS-NIR (400-1000nm)
Type: Cylinder Lens, Plano-Convex
Wavelength Range (nm): 400 - 1000
Back Focal Length BFL (mm): 48.75
Center Thickness CT (mm): 1.89
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
Edge Thickness ET (mm): 1.13
Focal Length Tolerance (%): ±3
Radius R₁ (mm): 25.93
Surface Quality: 60-40
Damage Threshold, By Design: ☐ 5 J/cm ² @ 532nm, 10ns

Regulatory Compliance

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