

TECHSPEC® 10mm Dia x 50mm FL VIS-NIR Coated, Illumination Grade PCX Cylinder Lens



Stock #47-964

3-5 DAYS

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1

+

A\$219.20

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Qty 1-5

A\$219.20

Qty 6+

A\$175.20

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Diameter (mm):
10.00

Effective Focal Length EFL (mm):
50.00

Substrate:

N-BK7

f/#:

5
Numerical Aperture NA: 0.1
Coating: VIS-NIR (400-1000nm)
Type: Cylinder Lens, Plano-Convex
Wavelength Range (nm): 400 - 1000
Back Focal Length BFL (mm): 48.68
Center Thickness CT (mm): 2.00
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): 1.51
Focal Length Tolerance (%): ±3
Radius R₁ (mm): 25.84
Surface Quality: 60-40
Tilt Tolerance (mm): ±0.1 over H
Typical Applications: 5 J/cm ² @ 532nm, 10ns
Wedge Tolerance (arcmin): 15.00

Regulatory Compliance

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