

TECHSPEC® 5mm Dia x 30mm FL VIS-NIR Coated, Illumination Grade PCX Cylinder Lens



Stock **#47-955** CLEARANCE ☐ In Stock

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1

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C\$96.53

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Diameter (mm):
5.00

Effective Focal Length EFL (mm):
30.00

Substrate: ☐
[N-BK7](#)

f#:
6

Numerical Aperture NA:
0.08

Coating: VIS-NIR (400-1000nm)
Type: Cylinder Lens, Plano-Convex
Wavelength Range (nm): 400 - 1000
Back Focal Length BFL (mm): 28.02
Center Thickness CT (mm): 3.00
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): 2.80
Focal Length Tolerance (%): ±3
Radius R₁ (mm): 15.50
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
Reach 224: Compliant
Certificate of Conformance: View