

TECHSPEC[®]

5mm H x 10mm L x 20mm FL VIS-NIR Coated, Illumination Grade PCX Cylinder Lens



Stock #47-958 3-5 DAYS

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1

+

A\$200.00

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Qty 1-5
A\$200.00
Qty 6+
A\$160.00
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Effective Focal Length EFL (mm):
20.00

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): 19.34
Center Thickness CT (mm): 1.00
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
Dimensions (mm): 5.0 x 10.0
Edge Thickness ET (mm): 0.69
Focal Length Tolerance (%): ±3
Radius R₁ (mm): 10.32
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