

TECHSPEC® 12.5mm Dia x 50mm FL NIR I Coated, Illumination Grade PCX Cylinder Lens



Stock #69-744

3-5 DAYS

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+

A\$131.20

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Diameter (mm):
12.50

Effective Focal Length EFL (mm):
50.00

Substrate:

N-BK7

f/#:

Numerical Aperture NA: 0.13
Coating: NIR I (600-1050nm)
Type: Cylinder Lens, Plano-Convex
Wavelength Range (nm): 600 - 1050
Back Focal Length BFL (mm): 48.75
Center Thickness CT (mm): 1.89
Center Thickness Tolerance (mm): ±0.1
Coating Specification: R _{avg} ≤0.5% @ 600 - 1050nm
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: ☐ 7 J/cm ² @ 1064nm, 10ns

Regulatory Compliance

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