

TECHSPEC[®] 12.7mm x -100mm FL, NIR II Imaging Grade PCV Cylinder Lens



TECHSPEC[®] Beam Shaping PCV Cylinder Lenses

Stock #34-640 ☒ In Stock

-

1

+

£75.65

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Qty 1-5

£75.65

Qty 6+

£60.77

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⚠ Prices shown are exclusive of VAT/local taxes

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Diameter (mm):
12.70 +0.0/-0.025

Effective Focal Length EFL (mm):
-100.00

Substrate: ☐
[N-BK7](#)

f/#: 8
Numerical Aperture NA: 0.17
Coating: NIR II (750-1550nm)
Type: Cylinder Lens, Plano-Concave
Wavelength Range (nm): 750 - 1550
Back Focal Length BFL (mm): -101.32
Bevel: Protective bevel as needed
Center Thickness CT (mm): 2.00
Center Thickness Tolerance (mm): ±0.1
Clear Aperture CA (mm): 11.43
Coating Specification: R _{abs} ≤1.5% @ 750 - 800nm R _{abs} ≤1.0% @ 800 - 1550nm R _{avg} ≤0.7% @ 750 - 1550nm
Edge Thickness ET (mm): 2.37
Radius R₁ (mm): 51.68
Surface Quality: 40-20
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4
Plano Axis Wedge (arcmin): <5
Power Axis Wedge (arcmin): <5

Regulatory Compliance

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