

TECHSPEC®

12.7 x 12.7mm x -50mm FL, NIR I Imaging Grade PCV Cylinder Lens



TECHSPEC® Beam Shaping PCV Cylinder Lenses

Stock #35-005

CONTACT US

-

1

+

£80.75

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Qty 1-5
£80.75
Qty 6+
£64.60
Volume Pricing
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ⓘ Prices shown are exclusive of VAT/local taxes

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Effective Focal Length EFL (mm):

-50.00

Substrate: ☐

N-BK7

f/#:

4

Numerical Aperture NA: 0.13
Coating: NIR I (600-1050nm)
Type: Cylinder Lens, Plano-Concave
Wavelength Range (nm): 600 - 1050
Back Focal Length BFL (mm): -51.65
Bevel: Protective bevel as needed
Center Thickness CT (mm): 2.50
Center Thickness Tolerance (mm): ±0.1
Clear Aperture CA (mm): 11.43 x 11.43
Coating Specification: R _{avg} ≤0.5% @ 600 - 1050nm
Dimensional Tolerance (mm): +0.0/-0.025
Dimensions (mm): 12.7 x 12.7
Edge Thickness ET (mm): 3.24
Radius R₁ (mm): 25.84
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
Axial Twist (arcmin): <3

Regulatory Compliance

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