

TECHSPEC®

25.4mm x -100mm FL, NIR I Imaging Grade PCV Cylinder Lens



TECHSPEC® Beam Shaping PCV Cylinder Lenses

Stock **#34-685** [CONTACT US](#)

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1

+

£94.35

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Qty 6+

£75.22

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Diameter (mm):
25.40 +0.0/-0.025

Effective Focal Length EFL (mm):
-100.00

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): -102.31
Bevel: Protective bevel as needed
Center Thickness CT (mm): 3.50
Center Thickness Tolerance (mm): ±0.1
Clear Aperture CA (mm): 22.86
Coating Specification: R _{avg} ≤0.5% @ 600 - 1050nm
Edge Thickness ET (mm): 5.03
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