

TECHSPEC®

25.4mm Dia x 50mm FL, NIR II Imaging Grade PCX Cylinder Lens



Stock **#34-631** 3-4 DAYS

-

1

+

£90.10

ADD TO CART

Qty 1-5
£90.10
Qty 6+
£72.25
Volume Pricing
Request Quote

Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Diameter (mm):
25.40 +0.0/-0.025

Effective Focal Length EFL (mm):
50.00

Substrate: ☐
N-BK7

f/#: 2.00
Numerical Aperture NA: 0.25
Coating: NIR II (750-1550nm)
Type: Cylinder Lens, Plano-Convex
Wavelength Range (nm): 750 - 1550
Back Focal Length BFL (mm): 47.14
Bevel: Protective bevel as needed
Center Thickness CT (mm): 4.34
Center Thickness Tolerance (mm): ±0.1
Clear Aperture CA (mm): 22.86
Coating Specification: R _{abs} ≤1.5% @ 750 - 800nm R _{abs} ≤1.0% @ 800 - 1550nm R _{avg} ≤0.7% @ 750 - 1550nm
Edge Thickness ET (mm): 1.00
Focal Length Tolerance (%): ±1
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

Regulatory Compliance

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