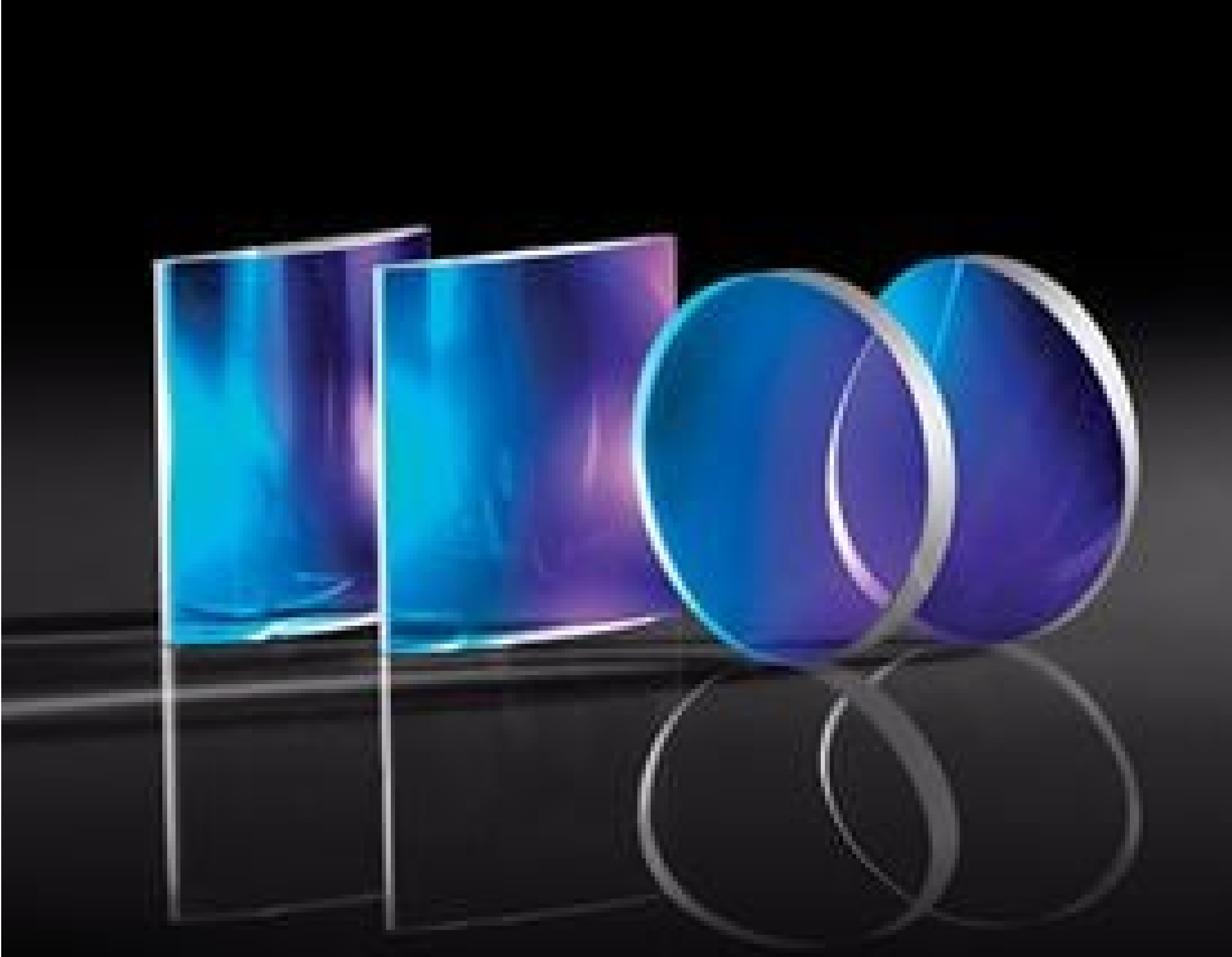


TECHSPEC® 12.7mm Dia x 50mm FL, NIR I Imaging Grade PCX Cylinder Lens



Stock **#34-668** ☐ In Stock

-

1

+

C\$133.00

ADD TO CART

Qty 1-5

C\$133.00

Qty 6+

C\$106.40

Volume Pricing

[Request Quote](#)

Get Product Downloads



Diameter (mm):
12.70 +0.0/-0.025

Effective Focal Length EFL (mm):
50.00

Substrate: N-BK7
f/#: 2.00
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
Bevel: Protective bevel as needed
Center Thickness CT (mm): 1.89
Center Thickness Tolerance (mm): ±0.1
Clear Aperture CA (mm): 11.43
Coating Specification: R _{avg} ≤0.5% @ 600 - 1050nm
Edge Thickness ET (mm): 1.1
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