

TECHSPEC® 25.4 x 25.4mm x 50mm FL, NIR I Laser Grade PCX Cylinder Lens



TECHSPEC Beam Shaping Fused Silica Cylinder Lenses

Stock **#36-117** 3-4 DAYS

- 1 + **€180,00**

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Qty 1-5

€180,00

Qty 6+

€144,00

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: ☐
[Fused Silica](#) (Corning 7980)

f/#:
2.00

Numerical Aperture NA: 0.17
Coating: NIR I (600-1050nm)
Type: Cylinder Lens, Plano-Convex
Wavelength Range (nm): 600 - 1050
Back Focal Length BFL (mm): 46.58
Bevel: Protective bevel as needed
Center Thickness CT (mm): 5.00
Center Thickness Tolerance (mm): ±0.1
Clear Aperture CA (mm): 22.86 x 22.86
Coating Specification: R _{avg} ≤0.5% @ 600 - 1050nm
Dimensional Tolerance (mm): +0.0/-0.025
Dimensions (mm): 25.4 x 25.4
Edge Thickness ET (mm): 1.16
Radius R₁ (mm): 22.93
Surface Quality: 20-10
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4
Plano Axis Wedge (arcmin): <3
Power Axis Wedge (arcmin): <4.5
Axial Twist (arcmin): <3

Regulatory Compliance

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