

TECHSPEC® 25.4 x 25.4mm x 100mm FL, Uncoated Laser Grade PCX Cylinder Lens



TECHSPEC Beam Shaping Fused Silica Cylinder Lenses

Stock **#36-092** 3-5 DAYS

- 1 + **A\$228.80**

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Qty 1-5

A\$228.80

Qty 6+

A\$183.20

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Effective Focal Length EFL (mm):
100.00

Substrate:
[Fused Silica](#) (Corning 7980)

f/#:
4.00

Numerical Aperture NA: 0.08
Coating: Uncoated
Type: Cylinder Lens, Plano-Convex
Wavelength Range (nm): 200 - 2200
Back Focal Length BFL (mm): 97.39
Bevel: Protective bevel as needed
Center Thickness CT (mm): 3.80
Center Thickness Tolerance (mm): ±0.1
Clear Aperture CA (mm): 22.86 x 22.86
Dimensional Tolerance (mm): +0.0/-0.025
Dimensions (mm): 25.4 x 25.4
Edge Thickness ET (mm): 2.01
Radius R₁ (mm): 45.84
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): <5
Axial Twist (arcmin): <3

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View