

TECHSPEC® 25.4 x 25.4mm x 100mm FL, VIS 0° Laser Grade PCX Cylinder Lens



TECHSPEC Beam Shaping Fused Silica Cylinder Lenses

Stock **#36-101** 3-4 DAYS

⊖ 1 ⊕

£153.00

ADD TO CART

Qty 1-5

£153.00

Qty 6+

£122.40

Volume Pricing

[Request Quote](#)

ⓘ Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Effective Focal Length EFL (mm):
100.00

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

f/#:
4.00

Numerical Aperture NA: 0.08
Coating: VIS 0° (425-675nm)
Type: Cylinder Lens, Plano-Convex
Wavelength Range (nm): 425 - 675
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
Coating Specification: R _{avg} ≤0.4% @ 425 - 675nm
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 2015: Compliant
Certificate of Conformance: View
Reach 235: Compliant