

TECHSPEC® 12.7 x 12.7mm x -50mm FL, Uncoated Laser Grade PCV Cylinder Lens



TECHSPEC Beam Shaping Fused Silica Cylinder Lenses

Stock **#36-094** 3-4 DAYS

- 1 + **€121,00**

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Qty 1-5

€121,00

Qty 6+

€97,00

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/#:
1.00

Numerical Aperture NA: 0.50
Coating: Uncoated
Type: Cylinder Lens, Plano-Concave
Wavelength Range (nm): 200 - 2200
Back Focal Length BFL (mm): -52.06
Bevel: Protective bevel as needed
Center Thickness CT (mm): 3.00
Center Thickness Tolerance (mm): ±0.1
Clear Aperture CA (mm): 11.43 x 11.43
Dimensional Tolerance (mm): +0.0/-0.025
Dimensions (mm): 12.7 x 12.7
Edge Thickness ET (mm): 3.81
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: Compliant
Certificate of Conformance: View