

TECHSPEC[®] 12.7 x 12.7mm x 150mm FL, Uncoated Laser Grade PCX Cylinder Lens



TECHSPEC Beam Shaping Fused Silica Cylinder Lenses

Stock **#13-471** ☐ In Stock

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1

+

£102.85

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Qty 1-5

£102.85

Qty 6+

£82.45

Volume Pricing

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Effective Focal Length EFL (mm):
150.00

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

f/#:
12

Numerical Aperture NA: 0.04
Coating: Uncoated
Type: Cylinder Lens, Plano-Convex
Wavelength Range (nm): 200 - 2200
Back Focal Length BFL (mm): 147.94
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): 2.71
Focal Length Specification Wavelength (nm): 587.6
Radius R₁ (mm): 68.77
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