

TECHSPEC® 25.4mm Square x -75 FL, 1064nm AR Coated, Laser Grade PCV Cylinder Lens



Stock #37-614 3-4 DAYS

⊖ 1 ⊕ **€252,00**

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Qty 1-5
€252,00
Qty 6+
€202,00
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ⓘ Prices shown are exclusive of VAT/local taxes

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Effective Focal Length EFL (mm):
-75.00

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

f/#:
3

Numerical Aperture NA: 0.17
Coating: Laser V-Coat (1064nm)
Type: Cylinder Lens, Plano-Concave
Back Focal Length BFL (mm): -77.06
Bevel: Protective bevel as needed
Center Thickness CT (mm): 3.00
Center Thickness Tolerance (mm): ±0.1
Clear Aperture CA (mm): 22.86 x 22.86
Coating Specification: R _{abs} <0.25% @ 1064nm
Design Wavelength DWL (nm): 1064
Dimensional Tolerance (mm): +0.0/-0.025
Dimensions (mm): 25.4 x 25.4
Edge Thickness ET (mm): 5.31
Focal Length Specification Wavelength (nm): 587.6
Radius R₁ (mm): 34.39
Surface Quality: 20-10
Damage Threshold, By Design: ☐ 15 J/cm² @ 1064nm, 20ns, 20Hz
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4
Plano Axis Wedge (arcmin): <3
Power Axis Wedge (arcmin): <3
Axial Twist (arcmin): <3

Regulatory Compliance

RoHS 2015: Compliant
Reach 209: Compliant
Certificate of Conformance: View