

TECHSPEC®

25mm Diameter x 100mm FL, 1064nm Coated, Laser Grade PCX Lens



TECHSPEC Laser Grade PCX Lenses

Stock **#67-976** 3-5 DAYS

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+

A\$324.80

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Diameter (mm):
25.00 +0.00/-0.10

Effective Focal Length EFL (mm):
100.00 @ 587.6nm

Back Focal Length BFL (mm):
97.40

Coating: Laser V-Coat (1064nm)
Coating Specification: R_{abs} <0.25% @ 1064nm
Substrate: Fused Silica (Corning 7980)
Surface Quality: 20-10
Power (P-V) @ 632.8nm: λ
Irregularity (P-V) @ 632.8nm: λ/10
Focal Length Tolerance (%): ±1
Centering (arcmin): <1
Center Thickness CT (mm): 3.79 ±0.10
Edge Thickness ET (mm): 2.05
Radius R₁ (mm): 45.85
Clear Aperture CA (mm): 22.5
f/#: 4.00
Numerical Aperture NA: 0.13
Design Wavelength DWL (nm): 1064
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Damage Threshold, By Design: 5 J/cm² @ 10ns

Regulatory Compliance

RoHS 2015: Compliant
REACH 201: Compliant
Certificate of Conformance: View