

TECHSPEC®

25mm Diameter x 50mm FL, 532nm Coated, Laser Grade PCX Lens



TECHSPEC Laser Grade PCX Lenses

Stock **#67-964** ☒ In Stock

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1

+

C\$284.20

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Diameter (mm):
25.00 +0.00/-0.10

Effective Focal Length EFL (mm):
50.00 @ 587.6nm

Back Focal Length BFL (mm):
46.00

Coating: Laser V-Coat (532nm)
Coating Specification: R_{abs} <0.25% @ 532nm
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): 5.84 ±0.10
Edge Thickness ET (mm): 2.13
Radius R₁ (mm): 22.92
Clear Aperture CA (mm): 22.5
f/#: 2.00
Numerical Aperture NA: 0.25
Design Wavelength DWL (nm): 532
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Damage Threshold, By Design: 10 J/cm² @ 10ns

Regulatory Compliance

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