

TECHSPEC[®] 12mm Diameter x 50mm FL, 1064nm Coated, Laser Grade PCX Lens



TECHSPEC Laser Grade PCX Lenses

Stock #67-972 3-5 DAYS

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+

A\$292.80

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Diameter (mm):
12.00 +0.00/-0.10

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

Back Focal Length BFL (mm):
48.01

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): 2.90 ±0.05
Edge Thickness ET (mm): 2.10
Radius R₁ (mm): 22.92
Clear Aperture CA (mm): 10.2
f/#: 4.17
Numerical Aperture NA: 0.12
Design Wavelength DWL (nm): 1064
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