

TECHSPEC® 6mm Diameter x 12mm FL, 266nm Coated, Laser Grade PCX Lens



TECHSPEC Laser Grade PCX Lenses

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1

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Diameter (mm):
6.00 +0.00/-0.05

Effective Focal Length EFL (mm):
12.00 @ 587.6nm

Back Focal Length BFL (mm):
10.63

Coating: Laser V-Coat (266nm)
Coating Specification: R_{abs} <0.25% @ 266nm
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): 2.00 ±0.05
Edge Thickness ET (mm): 1.11
Radius R₁ (mm): 5.50
Clear Aperture CA (mm): 5.4
f/#: 2.00
Numerical Aperture NA: 0.25
Design Wavelength DWL (nm): 266
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Damage Threshold, By Design: 2 J/cm² @ 10ns

Regulatory Compliance

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