

TECHSPEC® 12mm Diameter x 18mm FL, 355nm Coated, Laser Grade PCX Lens



TECHSPEC Laser Grade PCX Lenses

Stock **#67-949** ☐ In Stock

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- 1 + **C\$256.20**

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C\$256.20
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Diameter (mm):
12.00 +0.00/-0.10

Effective Focal Length EFL (mm):
18.00 @ 587.6nm

Back Focal Length BFL (mm):
15.23

Coating: Laser V-Coat (355nm)
Coating Specification: R_{abs} <0.25% @ 355nm
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): 4.00 ±0.05
Edge Thickness ET (mm): 1.41
Radius R₁ (mm): 8.25
Clear Aperture CA (mm): 10.2
f/#: 1.5
Numerical Aperture NA: 0.33
Design Wavelength DWL (nm): 355
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Damage Threshold, By Design: ▢ 4 J/cm² @ 10ns

Regulatory Compliance

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