

TECHSPEC® 12.7mm Dia. x 200mm FL, 355nm Coated, Laser Grade PCX Lens



TECHSPEC Laser Grade PCX Lenses

Stock #38-689 3-5 DAYS

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⊖ 1 ⊕ **A\$292.80**

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Qty 1-5

A\$292.80

Qty 6+

A\$233.60

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Diameter (mm):
12.70 +0.00/-0.025

Effective Focal Length EFL (mm):
200.00 @ 355nm

Back Focal Length BFL (mm):

197.35

Coating:
Laser V-Coat (355nm)

Coating Specification:
 $R_{\text{abs}} < 0.25\%$ @ 355nm

Substrate:
[Fused Silica](#) (Corning 7980)

Surface Quality:
10-5

Power (P-V) @ 632.8nm:
 λ

Irregularity (P-V) @ 632.8nm:
N10

Focal Length Tolerance (%):
 ± 1

Centering (arcmin):
<1

Center Thickness CT (mm):
 4.00 ± 0.10

Edge Thickness ET (mm):
3.79

Radius R_1 (mm):
95.22

Clear Aperture CA (mm):
11.43

f#:
15.75

Numerical Aperture NA:
0.03

Design Wavelength DWL (nm):
355

Type:
Plano-Convex Lens

Bevel:
Protective bevel as needed

Damage Threshold, By Design:
 7.5 J/cm^2 @ 355nm, 20ns, 20Hz

Regulatory Compliance

RoHS:
[Compliant](#)

Certificate of Conformance:
[View](#)
