

TECHSPEC® 25.4mm Dia. x 75mm FL, 266nm Coated, Laser Grade PCX Lens



TECHSPEC Laser Grade PCX Lenses

Stock #38-648 In Stock

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1 **C\$284.20**

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Qty 1-5

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Qty 6+

C\$226.80

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Diameter (mm):
25.40 +0.00/-0.025

Effective Focal Length EFL (mm):
75.00 @ 355nm

Back Focal Length BFL (mm):

71.63

Coating:
Laser V-Coat (266nm)

Coating Specification:
 $R_{\text{abs}} < 0.25\%$ @ 266nm

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

Surface Quality:
10-5

Power (P-V) @ 632.8nm:
 λ

Irregularity (P-V) @ 632.8nm:
M10

Focal Length Tolerance (%):
 ± 1

Centering (arcmin):
<1

Center Thickness CT (mm):
 5.00 ± 0.10

Edge Thickness ET (mm):
2.47

Radius R_1 (mm):
35.71

Clear Aperture CA (mm):
21.59

f#:
2.95

Numerical Aperture NA:
0.17

Design Wavelength DWL (nm):
266

Type:
Plano-Convex Lens

Bevel:
Protective Bevel As Needed

Damage Threshold, By Design:
 3 J/cm^2 @ 266nm, 20ns, 20Hz

Regulatory Compliance

RoHS 2015:
[Compliant](#)

Reach 209:
[Compliant](#)

Certificate of Conformance:
[View](#)
