

TECHSPEC® 25mm Dia. x 75mm FL, 266nm Laser V-Coat, λ/20 PCX Lens



TECHSPEC λ/20 Plano-Convex (PCX) Lenses



Stock **#38-762** CLEARANCE 3-5 DAYS

− 1 +

S\$289.93

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Diameter (mm):
25.00 +0.0/-0.1

Effective Focal Length EFL (mm):
75.00 @ 587.6nm

Back Focal Length BFL (mm):
71.96

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/4
Irregularity (P-V) @ 632.8nm: λ/20
Focal Length Tolerance (%): ±1
Centering (arcmin): <1
Center Thickness CT (mm): 4.43 ±0.10
Edge Thickness ET (mm): 2.08
Radius R₁ (mm): 34.39
Clear Aperture CA (mm): 22.5
f#: 3.00
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/cm² @ 266nm, 20ns, 20Hz

Regulatory Compliance

RoHS 2015: Compliant
Reach 209: Compliant
Certificate of Conformance: View