

TECHSPEC® 50mm Dia. x 250mm FL 532nm V-Coat, UV PCX Lens



Stock **#34-105** 3-5 DAYS

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- 1 + **A\$472.00**

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Qty 1-5
A\$472.00
Qty 6+
A\$377.60
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Diameter (mm):
50.00 +0.0/-0.025

Effective Focal Length EFL (mm):
250.00 @587.6nm

Back Focal Length BFL (mm): 245.21
Coating: Laser V-Coat (532nm)
Coating Specification: R _{abs} <0.25% @ 532nm
Substrate: ☐ Fused Silica (Corning 7980)
Surface Quality: 40-20
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4
Focal Length Tolerance (%): ±1
Centering (arcmin): ≤1
Center Thickness CT (mm): 7.00 ±0.10
Edge Thickness ET (mm): 4.24
Radius R₁ (mm): 114.62
Clear Aperture CA (mm): 49
f/#: 5.00
Numerical Aperture NA: 0.10
Design Wavelength DWL (nm): 532
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Edges: Fine Ground, Protective Bevel as Needed
Damage Threshold, By Design: ☐ 5 J/cm² @ 532nm, 10ns

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 235: Compliant