

TECHSPEC[®] 12mm Dia. x 50mm FL 633nm V-Coat, UV PCX Lens



Stock #34-114 10 TO 12 DAYS
[Other Coating Options](#)

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+

₹11,180.00

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Diameter (mm):
12.00 +0.0/-0.025

Effective Focal Length EFL (mm):
50.00 @ 587.6nm

Back Focal Length BFL (mm): 48.01
Coating: Laser V-Coat (633nm)
Coating Specification: R _{abs} <0.25% @ 633nm
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): 2.90 ±0.05
Edge Thickness ET (mm): 2.1
Radius R₁ (mm): 22.92
Clear Aperture CA (mm): 11
f/#: 4.17
Numerical Aperture NA: 0.12
Design Wavelength DWL (nm): 633
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Edges: Fine Ground, Protective Bevel as Needed
Damage Threshold, By Design: ☐ 5 J/cm² @ 633nm, 10ns

Regulatory Compliance

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