TECHSPEC® 12mm Dia. x 50mm FL 1550nm V-Coat, UV PCX Lens

Stock **#34-160** 3-4 DAYS

Other Coating Options

- 1 + **£109.22**

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Qty 1-5
£109.22

Qty 6+
£87.34

Volume Pricing
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Prices shown are exclusive of VAT/local taxes

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CUSTOM OPTIONS

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 (1550nm)

Coating Specification:
R_{abs} <0.25% @ 1550nm

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):
2.10

Radius R_1 (mm):
22.92

Clear Aperture CA (mm):
11.00

f/#:
4.17

Numerical Aperture NA:
0.12

Design Wavelength DWL (nm):
587.6

Type:
Plano-Convex Lens

Bevel:
Protective bevel as needed

Edges:
Fine Ground, Protective Bevel as Needed

Damage Threshold, By Design:
5 J/cm^2 @ 1550nm, 10ns

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

Reach 235:
Compliant