Edmund

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SUBMIT

TECHSPEC® 25mm Dia. x 100mm FL 1550nm V-Coat, UV PCX Lens

Stock **#34-166** In Stock

Other Coating Options

- 1 + **€155,00**

ADD TO CART

Qty 1-5
€155,00

Qty 6+
€124,00

Volume Pricing
Request Quote

Prices shown are exclusive of VAT/local taxes

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Diameter (mm):
25.00 +0.0/-0.025

Effective Focal Length EFL (mm):

100.00 @ 587.6nm

Back Focal Length BFL (mm):
97.40

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):
3.79 ±0.10

Edge Thickness ET (mm):
2.05

Radius R_1 (mm):
45.85

Clear Aperture CA (mm):
24.00

f/#:
4.00

Numerical Aperture NA:
0.13

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