

TECHSPEC® 5mm Dia. x 20mm FL 1550nm V-Coat, UV PCX Lens



Stock #34-154 3-4 DAYS

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⊖ 1 ⊕ **£107.10**

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Qty 1-5

£107.10

Qty 6+

£85.64

Volume Pricing

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ⓘ Prices shown are exclusive of VAT/local taxes

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Diameter (mm):
5.00 +0.0/-0.025

Effective Focal Length EFL (mm):
20.00 @ 587.6nm

Back Focal Length BFL (mm):
18.97

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):
1.50 ±0.05

Edge Thickness ET (mm):
1.50

Radius R₁ (mm):
9.17

Clear Aperture CA (mm):
4.50

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/cm² @ 1550nm, 10ns

Regulatory Compliance

RoHS 2015:
[Compliant](#)

Certificate of Conformance:
[View](#)

Reach 235:
[Compliant](#)