TECHSPEC® 6.0mm Diameter x 60.0mm FL, 1550nm V-Coat, PCX Lens

633nm Laser Line Coated Plano-Convex (PCX) Lenses

Stock **#84-216** 3-4 DAYS

Other Coating Options

- 1 + **£37.82**

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Qty 1-9
£37.82

Qty 10+
£34.00

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Prices shown are exclusive of VAT/local taxes

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Diameter (mm):
6.00 +0.0/-0.025

Effective Focal Length EFL (mm):
60.00 @ 587.6nm

Back Focal Length BFL (mm):
58.95

Coating:
Laser V-Coat (1550nm)

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

Substrate:
N-BK7

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):
1.60 ±0.05

Edge Thickness ET (mm):
1.45

Radius R_1 (mm):
31.01

Clear Aperture CA (mm):
5.4

f/#:
10.00

Numerical Aperture NA:
0.05

Design Wavelength DWL (nm):
1550

Type:
Plano-Convex Lens

Bevel:
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