

TECHSPEC® 50.0mm Diameter x 150.0mm FL, 633nm V-Coat, PCX Lens



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



Stock #69-460 3-5 DAYS

[Other Coating Options](#)

⊖ 1 ⊕

A\$108.80

ADD TO CART

Qty 1-9

A\$108.80

Qty 10+

A\$98.00

Volume Pricing

[Request Quote](#)

Get Product Downloads



Diameter (mm):
50.00 +0.0/-0.025

Effective Focal Length EFL (mm):
150.00 @ 587.6nm

Back Focal Length BFL (mm):
144.07

Coating:
Laser V-Coat (633nm)

Coating Specification:
R_{abs} <0.25% @ 633nm

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):
9.00 ±0.10

Edge Thickness ET (mm):
4.86

Radius R₁ (mm):
77.52

Clear Aperture CA (mm):
49

f#:
3.00

Numerical Aperture NA:
0.17

Design Wavelength DWL (nm):
633

Type:
Plano-Convex Lens

Bevel:
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](#)