TECHSPEC 9.0mm Diameter x 27.0mm FL, 785nm V-Coat, PCX Lens

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

Stock **#65-516** 3-5 DAYS

Other Coating Options

- 1 + **A$72.80**

ADD TO CART

Qty 1-9
A$72.80

Qty 10+
A$65.60

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Diameter (mm):
9.00 +0.0/-0.025

Effective Focal Length EFL (mm):

27.00 @ 587.6nm

Back Focal Length BFL (mm):
25.34

Coating:
Laser V-Coat (785nm)

Coating Specification:
R_{abs} <0.25% @ 785nm

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):
2.50 ±0.05

Edge Thickness ET (mm):
1.75

Radius R_1 (mm):
13.95

Clear Aperture CA (mm):
8.1

f/#:
3.00

Numerical Aperture NA:
0.17

Design Wavelength DWL (nm):
785

Type:
Plano-Convex Lens

Bevel:
Protective bevel as needed

Damage Threshold, By Design:
5 J/cm^2 @ 785nm, 10ns

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

Reach 235:
Compliant