TECHSPEC® 20.0mm Diameter x 25.0mm FL, 405nm V-Coat, PCX Lens

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

Stock **#88-971** 3-5 DAYS

Other Coating Options

- 1 + **S$79.02**

ADD TO CART

Qty 1-9

S$79.02

Qty 10+

S$71.05

Volume Pricing

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Diameter (mm):
20.00 +0.0/-0.025

Effective Focal Length EFL (mm):

25.00 @ 587.6nm

Back Focal Length BFL (mm):
22.76

Coating:
Laser V-Coat (405nm)

Coating Specification:
R_{abs} <0.25% @ 405nm

Substrate:
N-SF11

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):
4.00 ±0.10

Edge Thickness ET (mm):
1.26

Radius R_1 (mm):
19.62

Clear Aperture CA (mm):
19

f/#:
1.25

Numerical Aperture NA:
0.40

Design Wavelength DWL (nm):
405

Type:
Plano-Convex Lens

Bevel:
Protective bevel as needed

Damage Threshold, By Design:
3 J/cm^2 @ 405nm, 10ns

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

Reach 235:
Compliant