

In order to provide more accurate inventory information, please select your shipping country:

Select Your Country/Region: European Union

SUBMIT

TECHSPEC® 50.0mm Diameter x 500.0mm FL, 405nm V-Coat, PCX Lens



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



Stock #69-364 ☐ In Stock

☐ [Other Coating Options](#)

1 €68,00

ADD TO CART

Qty 1-9

€68,00

Qty 10+

€61,25

Volume Pricing

[Request Quote](#)

Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Diameter (mm):
50.00 +0.0/-0.025

Effective Focal Length EFL (mm): 500.00 @ 587.6nm
Back Focal Length BFL (mm): 496.7
Coating: Laser V-Coat (405nm)
Coating Specification: R _{abs} <0.25% @ 405nm
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): 5.00 ±0.10
Edge Thickness ET (mm): 3.79
Radius R₁ (mm): 258.40
Clear Aperture CA (mm): 49
f/#: 10.00
Numerical Aperture NA: 0.05
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