

TECHSPEC® 50.0mm Diameter x 200.0mm FL, 1550nm V-Coat, PCX Lens



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



Stock **#84-274** ☐ In Stock

☐ [Other Coating Options](#)

1

C\$95.20

ADD TO CART

Qty 1-9

C\$95.20

Qty 10+

C\$85.75

Volume Pricing

[Request Quote](#)

Get Product Downloads



Diameter (mm):
50.00 +0.0/-0.025

Effective Focal Length EFL (mm):

200.00 @ 587.6nm
Back Focal Length BFL (mm): 196.66
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): 5.07 ±0.10
Edge Thickness ET (mm): 2.0
Radius R₁ (mm): 103.36
Clear Aperture CA (mm): 49
f/#: 4.00
Numerical Aperture NA: 0.13
Design Wavelength DWL (nm): 1550
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Damage Threshold, By Design: ☐ 5 J/cm² @ 1550nm, 10ns

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 235: Compliant