

TECHSPEC® 50.0mm Diameter x 250.0mm FL, 1550nm V-Coat, PCX Lens



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



Stock **#84-275** 3-4 DAYS

[Other Coating Options](#)

⊖ 1 ⊕

£57.80

ADD TO CART

Qty 1-9
£57.80

Qty 10+
£52.06

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): 250.00 @ 587.6nm
Back Focal Length BFL (mm): 246.74
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): 4.94 ±0.10
Edge Thickness ET (mm): 2.5
Radius R₁ (mm): 129.21
Clear Aperture CA (mm): 49
f/#: 5.00
Numerical Aperture NA: 0.10
Design Wavelength DWL (nm): 1550
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Damage Threshold, By Design: ☐ 5 J/cm ² @ 1550nm, 10ns

Regulatory Compliance

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