

TECHSPEC®

25.4mm Diameter x 450mm FL, 370-550nm Coated, Ultrafast Thin PCX Lens



Stock #11-684 ☐ In Stock

[Other Coating Options](#)

1

C\$184.80

ADD TO CART

Qty 1-5

C\$184.80

Qty 6+

C\$162.40

Volume Pricing

[Request Quote](#)

Get Product Downloads



Diameter (mm):
25.40 +0.00/-0.10

Effective Focal Length EFL (mm):
450.52 @ 587.6nm

Back Focal Length BFL (mm):
449.43

Coating: BBAR (370-550nm)
Coating Specification: R_{abs} <0.55% @ 370 - 550nm
Substrate: ☐ Fused Silica (Corning 7980)
Surface Quality: 20-10
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/8
Focal Length Tolerance (%): ±1
Centering (arcmin): <3
Center Thickness CT (mm): 1.60 ±0.10
Edge Thickness ET (mm): 1.21
Radius R₁ (mm): 206.55
Clear Aperture CA (mm): 22.86
f/#: 17.72
Numerical Aperture NA: 0.029
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 370 - 550
Angle of Incidence (°): 0
Damage Threshold, By Design: ☐ 7.5 J/cm² @ 355nm, 20ns, 20Hz

Regulatory Compliance

RoHS 2015: Compliant
Reach 219: Compliant
Certificate of Conformance: View