

TECHSPEC® 25.4mm Diameter x 500mm FL, 950-1150nm Coated, Ultrafast Thin PCX Lens



Stock **#11-647** ☐ 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):
500.58 @587.6nm

Back Focal Length BFL (mm):
499.49

Coating: BBAR (950-1150nm)
Coating Specification: R_{abs} <0.15% @ 950 - 1150nm
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): 1.25
Radius R₁ (mm): 229.50
Clear Aperture CA (mm): 22.86
f/#: 19.69
Numerical Aperture NA: 0.026
Design Wavelength DWL (nm): 1030
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 950 - 1150
Angle of Incidence (°): 0
Damage Threshold, By Design: 10 J/cm² @ 532nm, 20ns, 20Hz

Regulatory Compliance

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