

TECHSPEC® 12.7mm Diameter x 75mm FL, 950-1150nm Coated, Ultrafast Thin PCX Lens



Stock **#11-634** ☐ In Stock

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1

C\$133.00

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Diameter (mm):
12.70 +0.00/-0.10

Effective Focal Length EFL (mm):
75.09 @ 587.6nm

Back Focal Length BFL (mm):
74.06

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): 1.50 ±0.10
Edge Thickness ET (mm): 0.91
Radius R₁ (mm): 34.43
Clear Aperture CA (mm): 11.43
f/#: 5.91
Numerical Aperture NA: 0.085
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