

TECHSPEC® 6mm Dia. x 9mm FL, NIR I Coated, Plano-Convex Lens



UV Fused Silica Plano-Convex (PCX) Lenses



Stock **#18-010** ☐ In Stock

1

C\$189.00

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Qty 1-5

C\$189.00

Qty 6+

C\$151.20

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Diameter (mm):
6.00 -0.025

Effective Focal Length EFL (mm):
9.00 @ 587.6nm

Back Focal Length BFL (mm): 7.29
Coating: NIR I (600-1050nm)
Coating Specification: R _{avg} ≤0.5% @ 600 - 1050nm
Substrate: ☐ Fused Silica (Corning 7980)
Surface Quality: 40-20
Power (P-V) @ 632.8nm: 3 Rings
Irregularity (P-V) @ 632.8nm: 0.5 Rings
Focal Length Tolerance (%): ±1
Centering (arcmin): <3
Center Thickness CT (mm): 2.50 ±0.05
Edge Thickness ET (mm): 1.21
Radius R₁ (mm): 4.13
Clear Aperture CA (mm): 5
f/#: 1.5
Numerical Aperture NA: 0.33
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 600 - 1050
Damage Threshold, Reference: ☐ 7 J/cm ² @ 1064nm, 10ns

Regulatory Compliance

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