

TECHSPEC® 15mm Dia. x 45mm FL, NIR I Coated, Plano-Convex Lens



UV Fused Silica Plano-Convex (PCX) Lenses



Stock **#18-215** ☐ In Stock

1

C\$203.00

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Qty 1-5

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Diameter (mm):
15.00 -0.025

Effective Focal Length EFL (mm):
45.00 @ 587.6nm

Back Focal Length BFL (mm): 42.94
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): <1
Center Thickness CT (mm): 3.00 ±0.10
Edge Thickness ET (mm): 1.59
Radius R₁ (mm): 20.63
Clear Aperture CA (mm): 14
f/#: 3
Numerical Aperture NA: 0.17
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 600 - 1050
Damage Threshold, Reference: ☐ 7 J/cm² @ 1064nm, 10ns

Regulatory Compliance

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