

TECHSPEC® 12mm Dia. x 18mm FL, NIR I Coated, Plano-Convex Lens



UV Fused Silica Plano-Convex (PCX) Lenses



Stock **#18-135** 3-5 DAYS

- 1 +

A\$228.00

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Qty 1-5

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Qty 6+

A\$182.40

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Diameter (mm):
12.00 -0.025

Effective Focal Length EFL (mm):
18.00 @ 587.6nm

Back Focal Length BFL (mm): 15.26
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): 4.00 ±0.05
Edge Thickness ET (mm): 1.41
Radius R₁ (mm): 8.25
Clear Aperture CA (mm): 11
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