

TECHSPEC® 5mm Dia x 20mm FL UV-AR Coated, UV Plano-Convex Lens



UV Fused Silica Plano-Convex (PCX) Lenses



Stock **#89-417** 3-5 DAYS

1

A\$204.00

ADD TO CART

Qty 1-5

A\$204.00

Qty 6+

A\$163.20

Volume Pricing

[Request Quote](#)

Get Product Downloads



Diameter (mm):
5.00 +0.0/-0.025

Effective Focal Length EFL (mm):
20.00 @ 587.6nm

Back Focal Length BFL (mm): 18.97
Coating: UV-AR (250-425nm)
Coating Specification: R_{abs} ≤1.0% @ 250 - 425nm R_{avg} ≤0.75% @ 250 - 425nm R_{avg} ≤0.5% @ 370 - 420nm
Substrate:  Fused Silica (Corning 7980)
Surface Quality: 40-20
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4
Focal Length Tolerance (%): ±1
Centering (arcmin): <1
Center Thickness CT (mm): 1.50 ±0.05
Edge Thickness ET (mm): 1.15
Radius R₁ (mm): 9.17
Clear Aperture CA (mm): 4.5
f/#: 4
Numerical Aperture NA: 0.125
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 250 - 425
Damage Threshold, Reference:  3 J/cm² @ 355nm, 10ns

Regulatory Compliance

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