

TECHSPEC[®] 9mm Dia. x 27mm FL UV-AR Coated, UV Plano-Convex Lens



UV Fused Silica Plano-Convex (PCX) Lenses



Stock **#46-260** ☐ In Stock

1

C\$189.00

ADD TO CART

Qty 1-5

C\$189.00

Qty 6+

C\$151.20

Volume Pricing

[Request Quote](#)

Get Product Downloads



Diameter (mm):
9.00 +0.0/-0.025

Effective Focal Length EFL (mm):
27.00 @ 587.6nm

Back Focal Length BFL (mm): 25.63
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): 2.00 ±0.05
Edge Thickness ET (mm): 1.15
Radius R₁ (mm): 12.38
Clear Aperture CA (mm): 8.1
f/#: 3
Numerical Aperture NA: 0.17
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