

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



UV Fused Silica Plano-Convex (PCX) Lenses



Stock **#48-812** ☒ In Stock

1

£114.75

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Qty 1-5

£114.75

Qty 6+

£91.80

Volume Pricing

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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-VIS (250-700nm)
Coating Specification: R _{abs} ≤1.0% @ 350 - 450nm R _{avg} ≤1.5% @ 250 - 700nm
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 - 700
Damage Threshold, Reference: ☐ 3 J/cm ² @ 355nm, 10ns 5 J/cm ² @ 532nm, 10ns

Regulatory Compliance

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