

TECHSPEC[®] 12mm Dia. x 36mm FL UV-AR Coated, UV Plano-Convex Lens



UV Fused Silica Plano-Convex (PCX) Lenses



Stock **#48-676** 3-4 DAYS

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1

+

£119.00

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Qty 1-5

£119.00

Qty 6+

£95.20

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Diameter (mm):
12.00 +0.0/-0.025

Effective Focal Length EFL (mm):

36.00 @ 587.6nm
Back Focal Length BFL (mm): 34.29
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): 2.50 ±0.05
Edge Thickness ET (mm): 1.37
Radius R₁ (mm): 16.51
Clear Aperture CA (mm): 11
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