

TECHSPEC® 12mm Dia. x 40mm FL VIS 0° Coated, UV Plano-Convex Lens



UV Fused Silica Plano-Convex (PCX) Lenses



Stock **#48-958** 3-5 DAYS

- 1 +

A\$220.00

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Qty 1-5

A\$220.00

Qty 6+

A\$176.00

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Diameter (mm):
12.00 +0.0/-0.025

Effective Focal Length EFL (mm):
40.00 @ 587.6nm

Back Focal Length BFL (mm): 37.85
Coating: VIS 0° (425-675nm)
Coating Specification: R _{avg} ≤0.4% @ 425 - 675nm
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): 3.13 ±0.05
Edge Thickness ET (mm): 2.12
Radius R₁ (mm): 18.34
Clear Aperture CA (mm): 11
f/#: 3.33
Numerical Aperture NA: 0.15
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 425 - 675
Damage Threshold, Reference: ☐ 5 J/cm² @ 532nm, 10ns

Regulatory Compliance

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