

TECHSPEC® 12.7mm Dia. x 100.0mm FL, VIS-EXT Coated, Plano-Convex Lens



Stock **#38-465** 3-5 DAYS

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A\$68.80

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Qty 1-9

A\$68.80

Qty 10+

A\$62.00

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Diameter (mm):
12.70 +0.0/-0.025

Effective Focal Length EFL (mm):
100.00 @587.6nm

Back Focal Length BFL (mm): 98.88
Coating: VIS-EXT (350-700nm)
Coating Specification: R _{avg} <0.5% @ 350 - 700nm
Substrate: ☐ N-BK7
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): 1.70 ±0.10
Edge Thickness ET (mm): 1.31
Radius R₁ (mm): 51.68
Clear Aperture CA (mm): 11.7
f/#: 7.87
Numerical Aperture NA: 0.06
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 350 - 700
Damage Threshold, By Design: ☐ 5 J/cm ² @ 532nm, 10ns

Regulatory Compliance

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