

TECHSPEC®

12.5mm Dia. x 40.0mm FL, VIS-EXT Coated, Plano-Convex Lens



Stock **#38-457** 10 TO 12 DAYS
[Other Coating Options](#)

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1

+

₹3,741.00

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Diameter (mm):
12.50 +0.0/-0.025

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

Back Focal Length BFL (mm): 38.55
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): 2.20 ±0.05
Edge Thickness ET (mm): 1.23
Radius R₁ (mm): 20.67
Clear Aperture CA (mm): 11.5
f#: 3.2
Numerical Aperture NA: 0.16
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