

TECHSPEC®

50mm Dia. x 250mm FL VIS-EXT Coated, Double-Convex Lens



Stock **#89-204** 3-5 DAYS

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1



A\$116.00

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Qty 1-9

A\$116.00

Qty 10+

A\$104.40

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Diameter (mm):
50.00 +0.000/-0.025

Back Focal Length BFL (mm):
248.37

Effective Focal Length EFL (mm):

250.00
Coating: VS-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
Centering (arcmin): <1
Bevel: Protective bevel as needed
Center Thickness CT (mm): 4.93
Center Thickness Tolerance (mm): ±0.10
Edge Thickness ET (mm): 2.5
Radius R₁=R₂ (mm): 257.57
Clear Aperture CA (mm): 49.00
f/#: 5.00
Focal Length Specification Wavelength (nm): 587.6
Focal Length Tolerance (%): ±1
Numerical Aperture NA: 0.10
Type: Double-Convex Lens
Wavelength Range (nm): 350 - 700

Regulatory Compliance

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