

TECHSPEC®

40mm Dia. x 80mm FL VIS-EXT Coated, Double-Convex Lens



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3-4 DAYS

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1

+

£59.50

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Diameter (mm):

40.00 +0.000/-0.025

Back Focal Length BFL (mm):

77.32

Effective Focal Length EFL (mm): 80.00
Coating: VIS-EXT (350-700nm)
Coating Specification: Ravg <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): <1.07
Bevel: Protective bevel as needed
Center Thickness CT (mm): 8.00
Center Thickness Tolerance (mm): ±0.10
Edge Thickness ET (mm): 3.00
Radius R₁=R₂ (mm): 81.3
Clear Aperture CA (mm): 39.00
f/#: 2.00
Focal Length Specification Wavelength (nm): 587.6
Focal Length Tolerance (%): ±1
Numerical Aperture NA: 0.25
Type: Double-Convex Lens
Wavelength Range (nm): 350 - 700

Regulatory Compliance

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