

TECHSPEC® 9mm Dia. x 45mm FL Uncoated, Double-Convex Lens



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1 **C\$41.30**

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Diameter (mm):
9.00 +0.0/-0.025

Back Focal Length BFL (mm):
44.17

Effective Focal Length EFL (mm): 45.00
Coating: Uncoated
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): 2.50
Center Thickness Tolerance (mm): ±0.05
Edge Thickness ET (mm): 2.06
Radius R₁=R₂ (mm): 46.08
Clear Aperture CA (mm): 8.1
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 - 2200

Regulatory Compliance

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