

TECHSPEC® 9mm Dia. x -9mm FL, MgF₂ Coated, Double-Concave Lens



Stock **#48-340** 3-4 DAYS

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⊖ 1 ⊕ **€34,50**

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Qty 1-9
€34,50
Qty 10+
€31,00
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ⓘ Prices shown are exclusive of VAT/local taxes

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Diameter (mm):
9.00 +0.0/-0.025

Effective Focal Length EFL (mm):

-9.00
Substrate: NSF11
f#: 1.00
Numerical Aperture NA: 0.50
Coating: MgF ₂ (400-700nm)
Type: Double-Concave Lens
Wavelength Range (nm): 400 - 700
Back Focal Length BFL (mm): -9.61
Bevel: Protective bevel as needed
Center Thickness CT (mm): 2.25
Center Thickness Tolerance (mm): ±0.05
Centering (arcmin): <3
Clear Aperture CA (mm): 8.1
Coating Specification: R _{avg} ≤1.75% @ 400 - 700nm
Edge Thickness ET (mm): 3.48
Focal Length Specification Wavelength (nm): 587.6
Focal Length Tolerance (%): ±1
Radius R₁=R₂ (mm): -14.60
Surface Quality: 40-20
Damage Threshold, By Design: 10 J/cm² @ 532nm, 10ns
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4

Regulatory Compliance

RoHS 2015: Compliant
Reach 219: Compliant
Certificate of Conformance: View