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TECHSPEC® 9mm Dia. X 60mm FL, VIS-NIR, Inked, Achromatic Lens



Stock #49-319-INK [CONTACT US](#)

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1 **€86,00**

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Qty 1-5
€86,00

Qty 6+
€68,75

Volume Pricing
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Diameter (mm):
9.00 ±0.025

Effective Focal Length EFL (mm):

60.00
Focal Length Tolerance (%): ±1
Back Focal Length BFL (mm): 57.59
Focal Length Specification Wavelength (nm): 587.6
Clear Aperture CA (mm): 8.1
Centering (arcmin): <1
Center Thickness CT (mm): 5.00 ±0.10
Center Thickness CT 1 (mm): 3.50 ±0.05
Center Thickness CT 2 (mm): 1.50 ±0.05
Radius R ₁ (mm): 36.51
Radius R ₂ (mm): -26.33
Radius R ₃ (mm): -78.35
Edge Thickness ET (mm): 4.59
Substrate:  N-BK7 / N-SF5
Surface Quality: 40-20
f/#: 6.67
Numerical Aperture NA: 0.07
Coating: VIS-NIR (400-1000nm)
Coating Specification: R _{abs} ≤0.25% @ 880nm R _{avg} ≤1.25% @400 - 870nm R _{avg} ≤1.25% @890 - 1000nm
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4
Bevel: Protective bevel as needed
Type: Achromatic Lens
Wavelength Range (nm): 400 - 1000

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View