

TECHSPEC[®] 6.25mm Dia. x 40mm FL, VIS-NIR, Inked, Achromatic Lens



Stock **#49-310-INK** 3-5 DAYS
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1

+

£69.70

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Diameter (mm):
6.25 ±0.025

Effective Focal Length EFL (mm):

40.00
Focal Length Tolerance (%): ±1
Back Focal Length BFL (mm): 38.46
Focal Length Specification Wavelength (nm): 587.6
Clear Aperture CA (mm): 5.625
Centering (arcmin): <1
Center Thickness CT (mm): 3.30 ±0.10
Center Thickness CT 1 (mm): 2.30 ±0.05
Center Thickness CT 2 (mm): 1.00 ±0.05
Radius R₁ (mm): 25.05
Radius R₂ (mm): -17.27
Radius R₃ (mm): -49.33
Edge Thickness ET (mm): 3.01
Substrate:  N-BK7 / N-SF5
Surface Quality: 40-20
f/#: 6.4
Numerical Aperture NA: 0.08
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