

TECHSPEC[®] 6.25mm Dia. x 7.5mm FL, VIS-NIR, Inked, Achromatic Lens



Stock #49-948-INK 10 TO 12 DAYS

[Other Coating Options](#)

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1

+

₹7,134.00

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Diameter (mm):
6.25 ±0.025

Effective Focal Length EFL (mm):
7.50

Focal Length Tolerance (%) : ±1
Back Focal Length BFL (mm) : 4.45
Focal Length Specification Wavelength (nm) : 587.6
Clear Aperture CA (mm) : 5.625
Centering (arcmin) : <3
Center Thickness CT (mm) : 6.00 ±0.10
Center Thickness CT 1 (mm) : 5.00 ±0.05
Center Thickness CT 2 (mm) : 1.00 ±0.05
Radius R₁ (mm) : 5.60
Radius R₂ (mm) : -3.71
Radius R₃ (mm) : -11.34
Edge Thickness ET (mm) : 4.61
Substrate : ☐ N-BAF10 / N-SF57
Surface Quality : 40-20
f/# : 1.2
Numerical Aperture NA : 0.42
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 2015 : Compliant
Reach 209 : Compliant
Certificate of Conformance : View