

TECHSPEC® 12.7mm Dia. x 50.8mm FL, VIS-NIR, Inked, Achromatic Lens



Stock **#49-790-INK** 3-5 DAYS
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- 1 + **C\$134.40**

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Qty 1-5
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Diameter (mm):
12.70 ±0.025

Effective Focal Length EFL (mm):
50.80

Focal Length Tolerance (%): ±1
Back Focal Length BFL (mm): 48.86
Focal Length Specification Wavelength (nm): 587.6
Clear Aperture CA (mm): 11.70
Centering (arcmin): <1
Center Thickness CT (mm): 4.00 ±0.20
Center Thickness CT 1 (mm): 2.50 ±0.10
Center Thickness CT 2 (mm): 1.50 ±0.10
Radius R₁ (mm): 33.17
Radius R₂ (mm): -23.98
Radius R₃ (mm): -89.03
Edge Thickness ET (mm): 3.16
Substrate: ☐ N-BAK1 / N-SF15
Surface Quality: 40-20
Numerical Aperture NA: 0.13
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): 425 - 675

Regulatory Compliance

RoHS 2015: Compliant
REACH 201: Compliant
Certificate of Conformance: View