

TECHSPEC® 50mm Dia. x 350mm FL, VIS-NIR, Inked, Achromatic Lens



Stock **#49-395-INK** 17 TO 22 D= DAYS

[Other Coating Options](#)

- 1 + **₹17,748.00**

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Qty 1-5
₹17,748.00
Qty 6+
₹14,203.00
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Diameter (mm):
50.00 ±0.025

Effective Focal Length EFL (mm):
350.00

Focal Length Tolerance (%): ±1
Back Focal Length BFL (mm): 344.32
Focal Length Specification Wavelength (nm): 587.6
Clear Aperture CA (mm): 49.00
Centering (arcmin): <1
Center Thickness CT (mm): 12.00 ±0.20
Center Thickness CT 1 (mm): 8.00 ±0.10
Center Thickness CT 2 (mm): 4.00 ±0.10
Radius R₁ (mm): 227.16
Radius R₂ (mm): -174.83
Radius R₃ (mm): -571.49
Edge Thickness ET (mm): 10.07
Substrate: ☐ N-BAK4 / N-SF10
Surface Quality: 40-20
f/#: 7.00
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 2015: Compliant
REACH 201: Compliant
Certificate of Conformance: View