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SUBMIT

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



Stock #49-395-INK [CONTACT US](#)

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1



€204,00

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Qty 1-5

€204,00

Qty 6+

€163,25

Volume Pricing

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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 R ₁ (mm): 227.16
Radius R ₂ (mm): -174.83
Radius R ₃ (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