

TECHSPEC®

25mm Dia. x 300mm FL, VIS-NIR, Inked, Achromatic Lens



Stock **#49-368-INK**

3-4 DAYS

[Other Coating Options](#)

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1

+

£108.80

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Qty 1-5
£108.80
Qty 6+
£87.13
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Diameter (mm):
25.00 ±0.025

Effective Focal Length EFL (mm):

300.00
Focal Length Tolerance (%) : ±1
Back Focal Length BFL (mm) : 297.73
Focal Length Specification Wavelength (nm) : 587.6
Clear Aperture CA (mm) : 24.00
Centering (arcmin) : <1
Center Thickness CT (mm) : 5.50 ±0.20
Center Thickness CT 1 (mm) : 3.00 ±0.10
Center Thickness CT 2 (mm) : 2.50 ±0.10
Radius R₁ (mm) : 184.84
Radius R₂ (mm) : -134.06
Radius R₃ (mm) : -393.98
Edge Thickness ET (mm) : 4.88
Substrate:  N-BK7 / N-SF5
Surface Quality : 40-20
f/# : 12.00
Numerical Aperture NA : 0.04
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