

TECHSPEC® 9mm Dia. x 18mm FL, VIS-NIR, Inked, Achromatic Lens



Stock **#49-314-INK** 17 TO 22 D= DAYS

[Other Coating Options](#)

- 1 + **₹7,482.00**

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Qty 1-5
₹7,482.00
Qty 6+
₹5,981.00
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Diameter (mm):
9.00 ±0.025

Effective Focal Length EFL (mm):
18.00

Focal Length Tolerance (%) : ±1
Back Focal Length BFL (mm) : 14.91
Focal Length Specification Wavelength (nm) : 587.6
Clear Aperture CA (mm) : 8.1
Centering (arcmin) : <1
Center Thickness CT (mm) : 5.47 ±0.10
Center Thickness CT 1 (mm) : 4.32 ±0.05
Center Thickness CT 2 (mm) : 1.15 ±0.05
Radius R₁ (mm) : 12.37
Radius R₂ (mm) : -7.38
Radius R₃ (mm) : -73.86
Edge Thickness ET (mm) : 4.49
Substrate : ☐ N-BAF10 / N-SF10
Surface Quality : 40-20
f/# : 2.00
Numerical Aperture NA : 0.25
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