

TECHSPEC® 9mm Dia. x 27mm FL, VIS-NIR, Inked, Achromatic Lens



Stock **#49-315-INK** 3-5 DAYS

[Other Coating Options](#)



1



C\$120.40

ADD TO CART

Qty 1-5
C\$120.40
Qty 6+
C\$96.25
Volume Pricing
Request Quote

Get Product Downloads



Diameter (mm):
9.00 ±0.025

Effective Focal Length EFL (mm):
27.00

Focal Length Tolerance (%) : ±1
Back Focal Length BFL (mm) : 24.22
Focal Length Specification Wavelength (nm) : 587.6
Clear Aperture CA (mm) : 8.1
Centering (arcmin) : <1
Center Thickness CT (mm) : 5.19 ±0.10
Center Thickness CT 1 (mm) : 3.89 ±0.05
Center Thickness CT 2 (mm) : 1.30 ±0.05
Radius R₁ (mm) : 15.36
Radius R₂ (mm) : -12.01
Radius R₃ (mm) : -39.56
Edge Thickness ET (mm) : 4.26
Substrate : ☐ N-BK7 / N-SF5
Surface Quality : 40-20
f/# : 3.00
Numerical Aperture NA : 0.17
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