

TECHSPEC® 9mm Dia. x 22.5mm FL, VIS-NIR, Inked, Achromatic Lens



Stock **#49-951-INK** 3-5 DAYS
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- 1 + **£73.10**

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Qty 1-5
£73.10
Qty 6+
£58.44
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Diameter (mm):
9.00 ±0.025

Effective Focal Length EFL (mm):

22.50
Focal Length Tolerance (%): ±1
Back Focal Length BFL (mm): 20.21
Focal Length Specification Wavelength (nm): 587.6
Clear Aperture CA (mm): 8.1
Centering (arcmin): <1
Center Thickness CT (mm): 4.50 ±0.10
Center Thickness CT 1 (mm): 3.00 ±0.05
Center Thickness CT 2 (mm): 1.50 ±0.05
Radius R ₁ (mm): 14.79
Radius R ₂ (mm): -12.09
Radius R ₃ (mm): -45.72
Edge Thickness ET (mm): 3.58
Substrate:  N-SBK8 / SF56
Surface Quality: 40-20
f/#: 2.5
Numerical Aperture NA: 0.20
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