

TECHSPEC[®] 20mm Dia. x 50mm FL, VIS-NIR Coated, Achromatic Lens



Stock **#49-957** 10 TO 12 DAYS
[Other Coating Options](#)

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1

+

₹9,048.00

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Qty 1-5
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Diameter (mm):
20.00 +0.0/-0.025

Effective Focal Length EFL (mm):
50.00

Focal Length Tolerance (%) : ±1
Back Focal Length BFL (mm) : 46.93
Focal Length Specification Wavelength (nm) : 587.6
Clear Aperture CA (mm) : 19.00
Centering (arcmin) : <1
Center Thickness CT (mm) : 6.80 ±0.20
Center Thickness CT 1 (mm) : 4.80 ±0.10
Center Thickness CT 2 (mm) : 2.00 ±0.10
Radius R₁ (mm) : 36.92
Radius R₂ (mm) : -25.65
Radius R₃ (mm) : -77.89
Edge Thickness ET (mm) : 4.78
Substrate : ☐ N-SSK6 / N-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 219 : Compliant
Certificate of Conformance : View