

TECHSPEC® 20mm Dia. x 50mm FL, MgF₂ Coated, Inked, Achromatic Doublet Lens



MgF₂ Coated Achromatic Lenses



Stock **#49-933-INK** 10 TO 12 DAYS

[Other Coating Options](#)

- 1 +

₹9,135.00

ADD TO CART

Qty 1-5

₹9,135.00

Qty 6+

₹7,308.00

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Diameter (mm):
20.00 ±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 R ₁ (mm): 36.92
Radius R ₂ (mm): -25.65
Radius R ₃ (mm): -77.89
Edge Thickness ET (mm): 4.78
Substrate: N-SSK8 / SF56
Surface Quality: 40-20
f/#: 2.5
Numerical Aperture NA: 0.20
Coating: MgF ₂ (400-700nm)
Coating Specification: R _{avg} ≤1.75% @ 400 - 700nm
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 - 700

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View