

TECHSPEC® 22mm CA, 50mm FL, Mounted MgF₂ Coated Achromatic Doublet Lens



TECHSPEC® Mounted MgF₂ Coated Achromatic Lenses

Stock **#13-005** CLEARANCE ☐ In Stock

1 **C\$144.13**

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C\$144.13

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Effective Focal Length EFL (mm):
50.00

Substrate: ☐
[N-BAF10](#) / [N-SF10](#)

f/#:
2.00

Numerical Aperture NA:
0.25

Coating:

MgF ₂ (400-700nm)
Type: Achromatic Lens
Wavelength Range (nm): 400 - 700
Back Focal Length BFL from Housing (mm): 38.06
Bevel: Protective bevel as needed
Clear Aperture CA (mm): 22.0
Coating Specification: R _{avg} ≤1.75% @400 - 700nm
Edge Thickness ET (mm): 8.79
Focal Length Specification Wavelength (nm): 587.6
Focal Length Tolerance (%): ±2
Radius R₁ (mm): 34.53
Radius R₂ (mm): -21.98
Radius R₃ (mm): -214.63
Surface Quality: 40-20
Lens Included: #32-323
Mount Included: #56-354
Mount Diameter (mm): 30.0
Extension Length (mm): 24.2
Total Length (mm): 28.2
Thread Type: C-Mount
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View