

TECHSPEC[®] 22mm CA, 175mm FL, Mounted MgF₂ Coated Achromatic Doublet Lens



TECHSPEC[®] Mounted MgF₂ Coated Achromatic Lenses

Stock #13-012 CLEARANCE 3-5 DAYS

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1

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S\$149.28

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Effective Focal Length EFL (mm):
175.00

Substrate: ☐
[N-BK7](#) / [N-SF5](#)

f/#:
7.00

Numerical Aperture NA:
0.07

Coating:

MgF ₂ (400-700nm)
Type: Achromatic Lens
Wavelength Range (nm): 400 - 700
Back Focal Length BFL from Housing (mm): 165.31
Bevel: Protective bevel as needed
Clear Aperture CA (mm): 22.0
Coating Specification: R _{avg} ≤1.75% @400 - 700nm
Edge Thickness ET (mm): 7.94
Focal Length Specification Wavelength (nm): 587.6
Focal Length Tolerance (%): ±2
Radius R₁ (mm): 109.16
Radius R₂ (mm): -79.38
Radius R₃ (mm): -226.03
Surface Quality: 40-20
Lens Included: #32-884
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