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SUBMIT

TECHSPEC® 25mm Dia. X 27.5mm FL, MgF₂ Coated, Achromatic Doublet Lens



MgF₂ Coated Achromatic Lenses



Stock #45-414 3-4 DAYS

[Other Coating Options](#)



1



€105,00

ADD TO CART

Qty 1-5

€105,00

Qty 6+

€84,00

Volume Pricing

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Diameter (mm):
25.00 +0.0/-0.025

Effective Focal Length EFL (mm): 275.00
Focal Length Tolerance (%): ±1
Back Focal Length BFL (mm): 271.60
Focal Length Specification Wavelength (nm): 587.6
Clear Aperture CA (mm): 24.00
Centering (arcmin): <1
Center Thickness CT (mm): 7.50 ±0.20
Center Thickness CT 1 (mm): 5.00 ±0.10
Center Thickness CT 2 (mm): 2.50 ±0.10
Radius R₁ (mm): 171.03
Radius R₂ (mm): -121.54
Radius R₃ (mm): -352.46
Edge Thickness ET (mm): 6.82
Substrate: N-BK7 / N-SF5
Surface Quality: 40-20
f/#: 11.00
Numerical Aperture NA: 0.05
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 2015: Compliant
Reach 224: Compliant
Certificate of Conformance: View