

TECHSPEC® 3mm Dia. x 6mm FL, MgF₂ Coated, Achromatic Doublet Lens



MgF₂ Coated Achromatic Lenses



Stock **#45-089** ☒ In Stock

[Other Coating Options](#)

1

£92.65

ADD TO CART

Qty 1-5

£92.65

Qty 6+

£74.16

Volume Pricing

[Request Quote](#)

! Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Diameter (mm):
3.00 +0.0/-0.025

Effective Focal Length EFL (mm): 6.00
Focal Length Tolerance (%): ±1
Back Focal Length BFL (mm): 4.33
Focal Length Specification Wavelength (nm): 587.6
Clear Aperture CA (mm): 2.7
Centering (arcmin): <3
Center Thickness CT (mm): 3.00 ±0.10
Center Thickness CT 1 (mm): 1.97 ±0.05
Center Thickness CT 2 (mm): 1.03 ±0.05
Radius R₁ (mm): 4.13
Radius R₂ (mm): -2.36
Radius R₃ (mm): -21.70
Edge Thickness ET (mm): 2.67
Substrate: ☐ N-BAF10 / N-SF10
Surface Quality: 20-10
f/#: 2.00
Numerical Aperture NA: 0.25
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