

TECHSPEC® 4mm Dia. x 12mm FL, MgF₂ Coated, Achromatic Doublet Lens



MgF₂ Coated Achromatic Lenses



Stock **#63-692** 10 TO 12 DAYS

[Other Coating Options](#)

- 1 +

₹8,352.00

ADD TO CART

Qty 1-5

₹8,352.00

Qty 6+

₹6,677.00

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Diameter (mm):
4.00 +0.0/-0.025

Effective Focal Length EFL (mm):

12.00
Focal Length Tolerance (%): ±1
Back Focal Length BFL (mm): 10.70
Focal Length Specification Wavelength (nm): 587.6
Clear Aperture CA (mm): 3.6
Centering (arcmin): <1
Center Thickness CT (mm): 2.80 ±0.10
Center Thickness CT 1 (mm): 1.80 ±0.05
Center Thickness CT 2 (mm): 1.00 ±0.05
Radius R ₁ (mm): 7.35
Radius R ₂ (mm): -5.09
Radius R ₃ (mm): -14.60
Edge Thickness ET (mm): 2.39
Substrate: N-BK7 / N-SF5
Surface Quality: 20-10
f/#: 3.00
Numerical Aperture NA: 0.17
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