

TECHSPEC® 25.4mm Dia. x 88.9mm FL, MgF₂ Coated, Achromatic Doublet Lens



MgF₂ Coated Achromatic Lenses



Stock **#49-769** 10 TO 12 DAYS

[Other Coating Options](#)



1



₹9,135.00

ADD TO CART

Qty 1-5

₹9,135.00

Qty 6+

₹7,308.00

Volume Pricing

[Request Quote](#)

Get Product Downloads



Diameter (mm):
25.40 +0.0/-0.025

Effective Focal Length EFL (mm):

88.90
Focal Length Tolerance (%): ±1
Back Focal Length BFL (mm): 83.96
Focal Length Specification Wavelength (nm): 587.6
Clear Aperture CA (mm): 24.40
Centering (arcmin): <1
Center Thickness CT (mm): 10.00 ±0.20
Center Thickness CT 1 (mm): 6.00 ±0.10
Center Thickness CT 2 (mm): 4.00 ±0.10
Radius R ₁ (mm): 56.98
Radius R ₂ (mm): -40.06
Radius R ₃ (mm): -162.82
Edge Thickness ET (mm): 8.07
Substrate:  N-BAK1 / N-SF8
Surface Quality: 40-20
f/#: 3.5
Numerical Aperture NA: 0.14
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