

TECHSPEC® 15mm Dia. x 50mm FL, MgF₂ Coated, Achromatic Doublet Lens



MgF₂ Coated Achromatic Lenses



Stock **#45-138** 10 TO 12 DAYS

[Other Coating Options](#)



1



₹8,004.00

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Qty 1-5

₹8,004.00

Qty 6+

₹6,395.00

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Diameter (mm):
15.00 +0.0/-0.025

Effective Focal Length EFL (mm):

50.00
Focal Length Tolerance (%): ±1
Back Focal Length BFL (mm): 46.17
Focal Length Specification Wavelength (nm): 587.6
Clear Aperture CA (mm): 14.00
Centering (arcmin): <1
Center Thickness CT (mm): 6.50 ±0.20
Center Thickness CT 1 (mm): 5.00 ±0.10
Center Thickness CT 2 (mm): 1.50 ±0.10
Radius R ₁ (mm): 26.81
Radius R ₂ (mm): -23.82
Radius R ₃ (mm): -90.79
Edge Thickness ET (mm): 5.12
Substrate: N-BK7 / N-SF5
Surface Quality: 40-20
f/#: 3.33
Numerical Aperture NA: 0.15
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