

TECHSPEC® 6.25mm Dia. x 40mm FL, MgF₂ Coated, Achromatic Doublet Lens



MgF₂ Coated Achromatic Lenses



Stock **#45-173** [CONTACT US](#)

[Other Coating Options](#)

⊖ 1 ⊕ **€63,00**

ADD TO CART

Qty 1-5
€63,00

Qty 6+
€50,50

Volume Pricing
Request Quote

Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Diameter (mm):
6.25 +0.0/-0.025

Effective Focal Length EFL (mm): 40.00
Focal Length Tolerance (%): ±1
Back Focal Length BFL (mm): 38.46
Focal Length Specification Wavelength (nm): 587.6
Clear Aperture CA (mm): 5.625
Centering (arcmin): <1
Center Thickness CT (mm): 3.30 ±0.10
Center Thickness CT 1 (mm): 2.30 ±0.05
Center Thickness CT 2 (mm): 1.00 ±0.05
Radius R₁ (mm): 25.05
Radius R₂ (mm): -17.27
Radius R₃ (mm): -49.33
Edge Thickness ET (mm): 3.01
Substrate: N-BK7 / N-SF5
Surface Quality: 40-20
f/#: 6.4
Numerical Aperture NA: 0.08
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