

TECHSPEC® 18mm Dia. x 35mm FL, MgF₂ Coated, Achromatic Doublet Lens



MgF₂ Coated Achromatic Lenses



Stock **#45-413** 3-4 DAYS

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⊖ 1 ⊕

£79.05

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Qty 1-5
£79.05
Qty 6+
£63.32
Volume Pricing
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ⓘ Prices shown are exclusive of VAT/local taxes

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Diameter (mm):
18.00 +0.0/-0.025

Effective Focal Length EFL (mm): 35.00
Focal Length Tolerance (%): ±1
Back Focal Length BFL (mm): 30.72
Focal Length Specification Wavelength (nm): 587.6
Clear Aperture CA (mm): 17.00
Centering (arcmin): <1
Center Thickness CT (mm): 7.61 ±0.20
Center Thickness CT 1 (mm): 6.01 ±0.10
Center Thickness CT 2 (mm): 1.60 ±0.10
Radius R₁ (mm): 24.26
Radius R₂ (mm): -16.23
Radius R₃ (mm): -152.99
Edge Thickness ET (mm): 5.61
Substrate: N-BAF10 / N-SF10
Surface Quality: 40-20
f/#: 1.94
Numerical Aperture NA: 0.26
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