

TECHSPEC® 30mm Dia. x 75mm FL, MgF₂ Coated, Double-Convex Lens



Stock **#45-166** 3-5 DAYS

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S\$73.22

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Qty 1-9

S\$73.22

Qty 10+

S\$65.97

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Diameter (mm):
30.00 +0.0/-0.025

Back Focal Length BFL (mm):
73.35

Effective Focal Length EFL (mm): 75.00
Coating: MgF₂ (400-700nm)
Coating Specification: R_{avg} ≤1.75% @ 400 - 700nm
Substrate: ☐ N-BK7
Surface Quality: 40-20
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4
Centering (arcmin): <1
Bevel: Protective bevel as needed
Center Thickness CT (mm): 4.96
Center Thickness Tolerance (mm): ±0.10
Edge Thickness ET (mm): 2.00
Radius R₁=R₂ (mm): 76.67
Clear Aperture CA (mm): 29.00
f/#: 2.5
Focal Length Specification Wavelength (nm): 587.6
Focal Length Tolerance (%): ±1
Numerical Aperture NA: 0.20
Type: Double-Convex Lens
Wavelength Range (nm): 400 - 700
Damage Threshold, By Design: ☐ 10 J/cm² @ 532nm, 10ns

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 235: Compliant