

TECHSPEC[®] 40mm Dia. x 400mm FL, MgF₂ Coated, Double-Convex Lens



Stock **#45-299** CLEARANCE 3-5 DAYS
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+

S\$28.93

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Diameter (mm):
40.00 +0.0/-0.025

Back Focal Length BFL (mm):
397.35

Effective Focal Length EFL (mm):
400.00

Coating: MgF ₂ (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): 8.00
Center Thickness Tolerance (mm): ±0.10
Edge Thickness ET (mm): 7.03
Radius R₁=R₂ (mm): 412.09
Clear Aperture CA (mm): 39.00
f#: 10
Focal Length Specification Wavelength (nm): 587.6
Focal Length Tolerance (%): ±1
Numerical Aperture NA: 0.05
Type: Double-Convex Lens
Wavelength Range (nm): 400 - 700
Damage Threshold, By Design: ☐ 10 J/cm ² @ 532nm, 10ns

Regulatory Compliance

RoHS: Compliant
Reach 224: Compliant
Certificate of Conformance: View