

TECHSPEC[®] 25mm Dia. x -100mm FL, MgF₂ Coated, Double-Concave Lens



Stock **#32-995** 10 TO 12 DAYS
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+

₹3,350.00

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Diameter (mm):
25.00 +0.0/-0.025

Effective Focal Length EFL (mm):
-100.00

Substrate: ☐ N-BK7
f/#: 4.00
Numerical Aperture NA: 0.13
Coating: MgF₂ (400-700nm)
Type: Double-Concave Lens
Wavelength Range (nm): 400 - 700
Back Focal Length BFL (mm): -101.64
Bevel: Protective bevel as needed
Center Thickness CT (mm): 5.00
Center Thickness Tolerance (mm): ±0.10
Centering (arcmin): <1
Clear Aperture CA (mm): 24.0
Coating Specification: R_{avg} ≤1.75% @ 400 - 700nm
Edge Thickness ET (mm): 6.43
Focal Length Specification Wavelength (nm): 587.6
Focal Length Tolerance (%): ±1
Radius R₁=R₂ (mm): -104.20
Surface Quality: 40-20
Damage Threshold, By Design: ☐ 10 J/cm² @ 532nm, 10ns
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4

Regulatory Compliance

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