

TECHSPEC[®] 12.5mm Dia. x 30.0mm FL, MgF₂ Coated, Plano-Convex Lens



Stock **#38-237** 3-4 DAYS

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1

+

£28.90

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Diameter (mm):
12.50 +0.0/-0.025

Effective Focal Length EFL (mm):

30.00 @ 587.6nm
Back Focal Length BFL (mm): 28.22
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
Focal Length Tolerance (%): ±1
Centering (arcmin): <1
Center Thickness CT (mm): 2.70 ± 0.05
Edge Thickness ET (mm): 1.39
Radius R₁ (mm): 15.51
Clear Aperture CA (mm): 11.5
f/#: 2.4
Numerical Aperture NA: 0.21
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 400 - 700
Damage Threshold, Reference: ☐ 10 J/cm ² @ 532nm, 10ns

Regulatory Compliance

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