

TECHSPEC® 6.0mm Dia. x 25mm FL, MgF₂ Coated, Plano-Convex Lens



Stock **#38-217** ☐ In Stock
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1 **C\$44.80**

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Diameter (mm):
6.00 +0.0/-0.025

Effective Focal Length EFL (mm):
25.00 @ 587.6nm

Back Focal Length BFL (mm): 24.04
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): 1.45 ±0.05
Edge Thickness ET (mm): 1.10
Radius R₁ (mm): 12.92
Clear Aperture CA (mm): 5.4
f/#: 4.17
Numerical Aperture NA: 0.12
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