

TECHSPEC® 6.0mm Diameter x -18 FL, MgF₂ Coated, Plano-Concave Lens



Stock **#45-011** ☐ In Stock
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1 **C\$47.60**

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Qty 1-9
C\$47.60
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Diameter (mm):
6.00 +0.0/-0.025

Effective Focal Length EFL (mm):
-18.00

Substrate: ☐ N-BK7
f/#: 3.00
Numerical Aperture NA: 0.17
Coating: MgF ₂ (400-700nm)
Type: Plano-Concave Lens
Wavelength Range (nm): 400 - 700
Back Focal Length BFL (mm): -19.32
Bevel: Protective bevel as needed
Center Thickness CT (mm): 2.00
Center Thickness Tolerance (mm): ±0.05
Centering (arcmin): <1
Clear Aperture CA (mm): 5.4
Coating Specification: R _{avg} ≤1.75% @ 400 - 700nm
Edge Thickness ET (mm): 2.40
Focal Length Specification Wavelength (nm): 587.6
Focal Length Tolerance (%): ±1
Radius R₁ (mm): -9.30
Surface Quality: 40-20
Damage Threshold, By Design: ☐ 10 J/cm ² @ 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