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TECHSPEC® 20.0mm Diameter x -50 FL, MgF₂ Coated, Plano-Concave Lens



Stock #45-025 3-4 DAYS
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1 **€37,00**

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Qty 1-9
€37,00

Qty 10+
€33,25

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Diameter (mm):
20.00 +0.0/-0.025

Effective Focal Length EFL (mm):

-50.00
Substrate: ☐ N-BK7
f#: 2.5
Numerical Aperture NA: 0.20
Coating: MgF ₂ (400-700nm)
Type: Plano-Concave Lens
Wavelength Range (nm): 400 - 700
Back Focal Length BFL (mm): -52.31
Bevel: Protective bevel as needed
Center Thickness CT (mm): 3.50
Center Thickness Tolerance (mm): ±0.10
Centering (arcmin): <1
Clear Aperture CA (mm): 19.00
Coating Specification: R _{avg} ≤1.75% @ 400 - 700nm
Edge Thickness ET (mm): 5.21
Focal Length Specification Wavelength (nm): 587.6
Focal Length Tolerance (%): ±1
Radius R₁ (mm): -25.84
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