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TECHSPEC® 3mm Dia. X 4.5mm FL Uncoated, Double-Convex Lens



Stock #32-022 ☐ In Stock
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1 €50,00

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Qty 1-9
€50,00
Qty 10+
€45,00
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Diameter (mm):
3.00 +0.0/-0.025

Back Focal Length BFL (mm):

3.78
Effective Focal Length EFL (mm): 4.50
Coating: Uncoated
Substrate: ☐ N-BK7
Surface Quality: 20-10
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4
Centering (arcmin): 30-45, typical
Bevel: Protective bevel as needed
Center Thickness CT (mm): 2.00
Center Thickness Tolerance (mm): ±0.05
Edge Thickness ET (mm): 1.47
Radius R ₁ =R ₂ (mm): 4.29
Clear Aperture CA (mm): 2.5
f/#: 1.5
Focal Length Specification Wavelength (nm): 587.6
Focal Length Tolerance (%): ±1
Numerical Aperture NA: 0.33
Type: Double-Convex Lens
Wavelength Range (nm): 350 - 2200

Regulatory Compliance

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