

TECHSPEC® 3mm Dia. x 4.5mm FL, VIS 0° Coated, Double-Convex Lens



Stock **#49-182** ☐ In Stock

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C\$87.50

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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: VS 0° (425-675nm)
Coating Specification: R _{avg} ≤0.4% @ 425 - 675nm
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 R₁=R₂ (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): 425 - 675
Damage Threshold, Reference: ☐ 5 J/cm² @ 532nm, 10ns

Regulatory Compliance

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