

TECHSPEC®

4.5mm Dia. x 4.5mm FL, VIS 0° Coated, Plano-Convex Lens



Stock **#47-866** 3-5 DAYS

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1



A\$99.20

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Qty 1-9

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Diameter (mm):
4.50 +0.0/-0.025

Effective Focal Length EFL (mm):
4.50 @ 587.6nm

Back Focal Length BFL (mm): 3.05
Coating: VS 0° (425-675nm)
Coating Specification: R _{avg} ≤0.4% @ 425 - 675nm
Substrate: ☐ N-LASF44
Surface Quality: 40-20
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4
Focal Length Tolerance (%): ±1
Centering (arcmin): 30-45, typical
Center Thickness CT (mm): 2.59 ±0.05
Edge Thickness ET (mm): 1.80
Radius R₁ (mm): 3.61
Clear Aperture CA (mm): 4.05
f/#: 1
Numerical Aperture NA: 0.50
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 425 - 675
Damage Threshold, By Design: ☐ 5 J/cm ² @ 532nm, 10ns

Regulatory Compliance

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