

TECHSPEC[®] 4.5mm Dia. x 4.5mm FL, Uncoated, Plano-Convex Lens



Stock **#45-143** 3-5 DAYS
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-

1

+

A\$75.20

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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: Uncoated
Substrate: 
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): 350 - 2300

Regulatory Compliance

RoHS 2015: Compliant
Reach 223: Compliant
Certificate of Conformance: View