

TECHSPEC[®] 3.0mm Dia. x 4.5mm FL, VIS-EXT Coated Plano-Convex Lens



Stock **#88-616** 3-4 DAYS
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1

+

£56.95

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Diameter (mm):
3.00 +0.0/-0.025

Effective Focal Length EFL (mm):

4.50 @ 587.6nm
Back Focal Length BFL (mm): 3.50
Coating: VIS-EXT (350-700nm)
Coating Specification: R _{avg} <0.5% @ 350 - 700nm
Substrate: ☐ N-LASF44
Surface Quality: 20-10
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): 1.80 ±0.05
Edge Thickness ET (mm): 1.47
Radius R₁ (mm): 3.62
Clear Aperture CA (mm): 2.5
f/#: 1.5
Numerical Aperture NA: 0.33
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 350 - 700
Damage Threshold, By Design: ☐ 5 J/cm ² @ 532nm, 10ns

Regulatory Compliance

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