

TECHSPEC[®] 9.0mm Dia. x 10mm FL, VIS 0° Coated, Plano-Convex Lens



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1

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£33.15

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Diameter (mm):
9.00 +0.0/-0.025

Effective Focal Length EFL (mm):

10.00 @ 587.6nm
Back Focal Length BFL (mm): 8.49
Coating: VS 0° (425-675nm)
Coating Specification: R _{avg} ≤0.4% @ 425 - 675nm
Substrate: ☐ N-SF11
Surface Quality: 40-20
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4
Focal Length Tolerance (%): ±1
Centering (arcmin): <3
Center Thickness CT (mm): 2.70 ±0.05
Edge Thickness ET (mm): 1.28
Radius R₁ (mm): 7.85
Clear Aperture CA (mm): 8.1
f/#: 1.11
Numerical Aperture NA: 0.45
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 425 - 675
Damage Threshold, By Design: ☐ 5 J/cm² @ 532nm, 10ns

Regulatory Compliance

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