

TECHSPEC®

50.0mm Dia. x 100.0mm FL, VIS 0° Coated, Plano-Convex Lens



Stock **#48-246** 3-5 DAYS

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- 1 +

A\$96.80

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Qty 1-9
A\$96.80
Qty 10+
A\$87.20
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Diameter (mm):
50.00 +0.0/-0.025

Effective Focal Length EFL (mm):
100.00 @587.6nm

Back Focal Length BFL (mm): 93.41
Coating: VS 0° (425-675nm)
Coating Specification: R _{avg} ≤0.4% @ 425 - 675nm
Substrate: ☐ N-BK7
Surface Quality: 40-20
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4
Focal Length Tolerance (%): ±1
Centering (arcmin): <1
Center Thickness CT (mm): 10.00 ±0.10
Edge Thickness ET (mm): 3.55
Radius R₁ (mm): 51.68
Clear Aperture CA (mm): 49
f/#: 2
Numerical Aperture NA: 0.25
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 425 - 675
Damage Threshold, Reference: ☐ 5 J/cm ² @ 532nm, 10ns

Regulatory Compliance

RoHS 2015: Compliant
Reach 219: Compliant
Certificate of Conformance: View