

TECHSPEC® 90mm Dia x 849.9mm FL Achromatic Lens, Mtd



Stock **#54-567** 3-5 DAYS

- 1 + **A\$956.00**

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Qty 1-5
A\$956.00
Qty 6+
A\$812.80
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Diameter (mm):
90.00 +0.00/-0.08

Effective Focal Length EFL (mm):
849.96

Focal Length Tolerance (%):
±1

Back Focal Length BFL (mm):
838.69

Focal Length Specification Wavelength (nm): 587.6
Clear Aperture CA (mm): 72.00
Centering (arcmin): 5.00
Center Thickness CT 1 (mm): 13.08
Center Thickness CT 2 (mm): 10.16
Radius R₁ (mm): 497.21
Radius R₂ (mm): -345.82
Radius R₃ (mm): -344.20
Radius R₄ (mm): -1227.86
Edge Thickness ET (mm): 23.07
Substrate: ☐ N-BK7 / N-SF2
Surface Quality: 60-40
f/#: 11.1
Numerical Aperture NA: 0.05
Coating: MgF ₂ (400-700nm)
Coating Specification: R _{avg} ≤1.75% @400 - 700nm
Mount Thickness (mm): 28.07
Mounting Threads: M86 x 1.0
Construction: Mounted, Airtspaced 0.10mm
Bevel: Protective bevel as needed
Type: Achromatic Lens
Wavelength Range (nm): 400 - 700

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View