

TECHSPEC® 12.7mm Dia. x 38.1mm FL, VIS-NIR Coated, Achromatic Lens



Stock **#49-788** 3-5 DAYS
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- 1 + **A\$137.60**

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Qty 1-5
A\$137.60
Qty 6+
A\$110.00
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Diameter (mm):
12.70 +0.0/-0.025

Effective Focal Length EFL (mm):
38.10

Focal Length Tolerance (%): ±1
Back Focal Length BFL (mm): 35.57
Focal Length Specification Wavelength (nm): 587.6
Clear Aperture CA (mm): 11.70
Centering (arcmin): <1
Center Thickness CT (mm): 5.00 ±0.20
Center Thickness CT 1 (mm): 3.50 ±0.10
Center Thickness CT 2 (mm): 1.50 ±0.10
Radius R₁ (mm): 25.43
Radius R₂ (mm): -20.03
Radius R₃ (mm): -74.39
Edge Thickness ET (mm): 3.92
Substrate: ☐ N-SSK6 / N-SF56
Surface Quality: 40-20
f/#: 3.00
Numerical Aperture NA: 0.17
Coating: VIS-NIR (400-1000nm)
Coating Specification: R _{abs} ≤0.25% @ 880nm R _{avg} ≤1.25% @ 400 - 870nm R _{avg} ≤1.25% @ 890 - 1000nm
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4
Bevel: Protective bevel as needed
Type: Achromatic Lens
Wavelength Range (nm): 400 - 1000

Regulatory Compliance

Reach 181: Compliant
RoHS 2015: Compliant
Certificate of Conformance: View