

TECHSPEC® 12.7mm Dia. x 44.5mm FL, VIS 0° Coated, Achromatic Lens



Stock **#49-776** 3-5 DAYS
[Other Coating Options](#)

- 1 + **A\$129.60**

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Qty 1-5
A\$129.60
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Diameter (mm):
12.70 +0.0/-0.025

Effective Focal Length EFL (mm):
44.45

Focal Length Tolerance (%) : ±1
Back Focal Length BFL (mm) : 41.98
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) : 3.00 ±0.10
Center Thickness CT 2 (mm) : 2.00 ±0.10
Radius R₁ (mm) : 28.49
Radius R₂ (mm) : -20.03
Radius R₃ (mm) : -81.41
Edge Thickness ET (mm) : 4.04
Substrate : ☐ N-BAK1 / N-SF8
Surface Quality : 40-20
f/# : 3.5
Numerical Aperture NA : 0.14
Coating : VIS 0° (425-675nm)
Coating Specification : R _{avg} ≤0.4% @ 425 - 675nm
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) : 425 - 675

Regulatory Compliance

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