

TECHSPEC® 18mm Dia. x 60mm FL, VIS-NIR Coated, Achromatic Lens



Stock **#49-344** ☐ In Stock
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1 **€102,00**

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Qty 1-5
€102,00
Qty 6+
€81,50
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ⓘ Prices shown are exclusive of VAT/local taxes

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Diameter (mm):
18.00 +0.0/-0.025

Effective Focal Length EFL (mm):

60.00
Focal Length Tolerance (%) : ±1
Back Focal Length BFL (mm) : 56.79
Focal Length Specification Wavelength (nm) : 587.6
Clear Aperture CA (mm) : 17.00
Centering (arcmin) : <1
Center Thickness CT (mm) : 5.85 ±0.20
Center Thickness CT 1 (mm) : 3.85 ±0.10
Center Thickness CT 2 (mm) : 2.00 ±0.10
Radius R₁ (mm) : 42.51
Radius R₂ (mm) : -26.24
Radius R₃ (mm) : -226.77
Edge Thickness ET (mm) : 4.71
Substrate: ☐ N-BAF10 / N-SF10
Surface Quality : 40-20
f/# : 3.33
Numerical Aperture NA : 0.15
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

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