

TECHSPEC[®] 50mm Dia. x 500mm FL, VIS 0° Coated, Achromatic Lens



Stock #49-290 3-5 DAYS

[Other Coating Options](#)



1



A\$288.00

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Qty 1-5

A\$288.00

Qty 6+

A\$230.40

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Diameter (mm):
50.00 +0.0/-0.025

Effective Focal Length EFL (mm):
500.00

Focal Length Tolerance (%) : ±1
Back Focal Length BFL (mm) : 494.50
Focal Length Specification Wavelength (nm) : 587.6
Clear Aperture CA (mm) : 49.00
Centering (arcmin) : <1
Center Thickness CT (mm) : 12.00 ±0.20
Center Thickness CT 1 (mm) : 8.00 ±0.10
Center Thickness CT 2 (mm) : 4.00 ±0.10
Radius R₁ (mm) : 305.74
Radius R₂ (mm) : -223.20
Radius R₃ (mm) : -663.82
Edge Thickness ET (mm) : 10.51
Substrate : ☐ N-BK7 / N-SF5
Surface Quality : 40-20
f/# : 10.00
Numerical Aperture NA : 0.05
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

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