

TECHSPEC® 50mm Dia. x 100mm EFL, UV-VIS Coated, Near UV Achromatic Lens



Stock **#85-878** ☐ In Stock

-

1

+

C\$332.50

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Qty 1-5

C\$332.50

Qty 6+

C\$266.00

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Diameter (mm):
50.00 +0.0/-0.025

Effective Focal Length EFL (mm):
100.00

Focal Length Tolerance (%) : ±1
Back Focal Length BFL (mm) : 87.39
Focal Length Specification Wavelength (nm) : 405.00
Clear Aperture CA (mm) : 49
Centering (arcmin) : <1
Center Thickness CT (mm) : 21.00 ±0.20
Center Thickness CT 1 (mm) : 16.00 ±0.10
Center Thickness CT 2 (mm) : 5.00 ±0.10
Radius R₁ (mm) : 50.95
Radius R₂ (mm) : -50.95
Radius R₃ (mm) : -197.88
Edge Thickness ET (mm) : 12.86
Substrate : ☐ N-FK5 / F2HT
Surface Quality : 40-20
f/# : 2
Numerical Aperture NA : 0.25
Coating : UV-VIS (345-700nm)
Coating Specification : R _{avg} ≤1.5% @ 345 - 700nm
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) : 345 - 700

Regulatory Compliance

RoHS 2015 : Exempt
Certificate of Conformance : View
Reach 235 : Compliant