

TECHSPEC® 50mm Dia 0.42 NA, UV-VIS Coated, UV Fused Silica Aspheric Lens



TECHSPEC UV Fused Silica Aspheric Lenses



Stock **#84-342** 3-5 DAYS

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⊖ 1 ⊕

A\$1,344.00

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Diameter (mm):
50.00 +0.0/-0.1

Effective Focal Length EFL (mm):

60.00 @ 587.6nm
Numerical Aperture NA: 0.42
Back Focal Length BFL (mm): 48.34
Substrate: Fused Silica (Corning 7980)
Aspheric Design Wavelength (nm): 587.6
Asphere Figure Error, RMS @ 632.8nm: 1.2λ
Coating: UV-VIS (250-700nm)
Coating Specification: R _{avg} <2.5% @ 250 - 700nm
Centering (arcmin): ≤5
Surface Quality: 60-40
Clear Aperture CA (mm): 45
Edge Thickness ET (mm): 4.42
Center Thickness CT (mm): 17.00 ±0.1
f/#: 1.2
Bevel: Protective bevel as needed
Shape of Back Surface: Plano
Type: Aspheric Lens
Wavelength Range (nm): 250 - 700
Conjugate Distance: Infinite
Power (diopters): 16.67

Regulatory Compliance

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