

TECHSPEC® 50mm Dia 0.50 NA, VIS Coated, UV Fused Silica Aspheric Lens



TECHSPEC UV Fused Silica Aspheric Lenses



Stock **#67-277** ☒ In Stock

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C\$1,176.00

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Diameter (mm):
50.00 +0.0/-0.1

Effective Focal Length EFL (mm):

50.00 @ 587.6nm
Numerical Aperture NA: 0.50
Back Focal Length BFL (mm): 36.63
Substrate: Fused Silica (Corning 7980)
Aspheric Design Wavelength (nm): 587.6
Asphere Figure Error, RMS @ 632.8nm: 1.2λ
Coating: VS (425-675nm)
Coating Specification: R _{avg} ≤1.5% @ 425 - 675nm
Centering (arcmin): ≤5
Surface Quality: 60-40
Clear Aperture CA (mm): 45
Edge Thickness ET (mm): 3.49
Center Thickness CT (mm): 19.50 ±0.1
f/#: 1.00
Bevel: Protective bevel as needed
Shape of Back Surface: Plano
Type: Aspheric Lens
Wavelength Range (nm): 425 - 675
Conjugate Distance: Infinite
Power (diopters): 20.00

Regulatory Compliance

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