

TECHSPEC® 10mm Dia 0.50 NA, NIR Coated, UV Fused Silica Aspheric Lens



TECHSPEC UV Fused Silica Aspheric Lenses



Stock **#87-990** ☒ In Stock

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1

C\$525.00

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Diameter (mm):
10.00 +0.0/-0.1

Effective Focal Length EFL (mm):

10.00 @ 587.6nm
Numerical Aperture NA: 0.50
Back Focal Length BFL (mm): 5.89
Substrate: Fused Silica (Corning 7980)
Aspheric Design Wavelength (nm): 587.6
Asphere Figure Error, RMS @ 632.8nm: 1.2λ
Coating: NIR (600-1050nm)
Coating Specification: R _{avg} ≤1.5% @ 600 - 1050nm
Centering (arcmin): ≤5
Surface Quality: 60-40
Clear Aperture CA (mm): 8
Edge Thickness ET (mm): 2.77
Center Thickness CT (mm): 6.00 ±0.1
f/#: 1.00
Bevel: Protective bevel as needed
Shape of Back Surface: Plano
Type: Aspheric Lens
Wavelength Range (nm): 600 - 1050
Conjugate Distance: Infinite
Power (diopters): 100.00

Regulatory Compliance

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