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TECHSPEC® 50mm Dia 0.42 NA, UV Coated, UV Fused Silica Aspneric Lens



TECHSPEC UV Fused Silica Aspheric Lenses



Stock #67-273 ☐ In Stock

☐ Other Coating Options



1



€840,00

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Qty 1-5

€840,00

Qty 6+

€672,00

Volume Pricing

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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 (Coming 7980)
Aspheric Design Wavelength (nm): 587.6
Asphere Figure Error, RMS @ 632.8nm: 1.2λ
Coating: UV (250-425nm)
Coating Specification: R _{avg} ≤1.5% @ 250 - 425nm
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 - 425
Conjugate Distance: Infinite
Power (diopters): 16.67

Regulatory Compliance

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