

TECHSPEC[®] 25mm Dia 0.23 NA, *N*/40 Uncoated, UV Fused Silica Aspheric Lens



TECHSPEC UV Fused Silica Aspheric Lenses



Stock **#17-329** **5 In Stock**

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1

+

S\$1,118^{.60}

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Volume Pricing	
Qty 1-5	S\$1,118.60 each
Qty 6-10	S\$1,006.60 each
Qty 11-25	S\$939.40 each
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Product Downloads

General

Aspheric Lens

Type:

Physical & Mechanical Properties

25.00 +0/-0.025

Diameter (mm):

<1	Centering (arcmin):
22.5	Clear Aperture CA (mm):
3.82	Edge Thickness ET (mm):
7.20 ±0.1	Center Thickness CT (mm):
Protective as needed	Bevel:

Plano	Shape of Back Surface:
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Optical Properties

50.00 @ 355nm	Effective Focal Length EFL (mm):
0.23	Numerical Aperture NA:

45.10	Back Focal Length BFL (mm):
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Fused Silica (Corning 7980)	Substrate: ☐
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355	Aspheric Design Wavelength (nm):
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λ/40	Asphere Figure Error, RMS @ 632.8nm:
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Uncoated	Coating:
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40-20	Surface Quality:
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2	f/#:
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Infinite	Conjugate Distance:
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20.00	Power (diopters):
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Regulatory Compliance

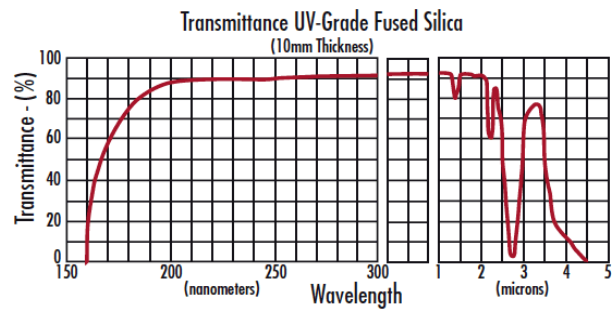
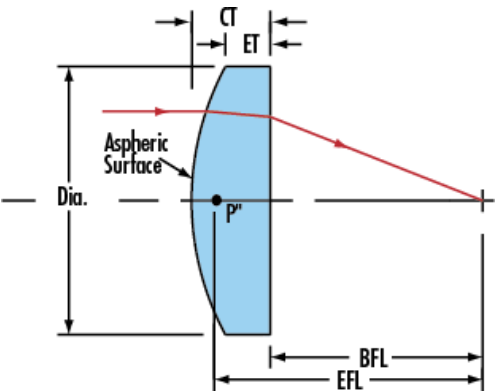
View	Certificate of Conformance:
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Product Details

- Low Coefficient of Thermal Expansion
- Precision and High Precision Options
- High Numerical Apertures to Maximize Throughput

TECHSPEC® UV Fused Silica Aspheric Lenses offer the benefits of an aspheric element combined with the manufacturing precision of state-of-the-art grinding and polishing equipment. These fused silica optics can be easily designed and integrated into complex optical systems with the available prescription data. Featuring low f/#'s, which allow for a larger aperture and thus more light gathering and focusing performance, these fused silica lenses are computer-optimized to eliminate spherical and minimize higher order aberrations. TECHSPEC® UV Fused Silica Aspheric Lenses offer a low coefficient of thermal expansion, making them ideal for applications in metrology, beam-focusing or collimating, and OEM integration. These lenses are available in a variety of coating options and are offered in sizes ranging from 10-50mm.

Technical Information



Custom

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

Compatible Mounts