

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**

- 1 + A\$1,278⁴⁰

ADD TO CART

Volume Pricing	
Qty 1-5	A\$1,278.40 each
Qty 6-10	A\$1,150.40 each
Qty 11-25	A\$1,073.60 each
Need More?	Request Quote

Product Downloads

General

Aspheric Lens **Type:**

Physical & Mechanical Properties

25.00 +0/-0.025 **Diameter (mm):**

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

Optical Properties

Effective Focal Length EFL (mm):	50.00 @ 355nm
Numerical Aperture NA:	0.23
Back Focal Length BFL (mm):	45.10
Substrate: <input type="checkbox"/>	Fused Silica (Corning 7980)
Aspheric Design Wavelength (nm):	355
Asphere Figure Error, RMS @ 632.8nm:	λ/40
Coating:	Uncoated
Surface Quality:	40-20
f/#:	2
Conjugate Distance:	Infinite
Power (diopters):	20.00

Regulatory Compliance

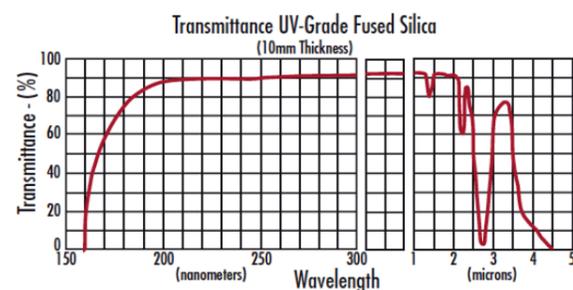
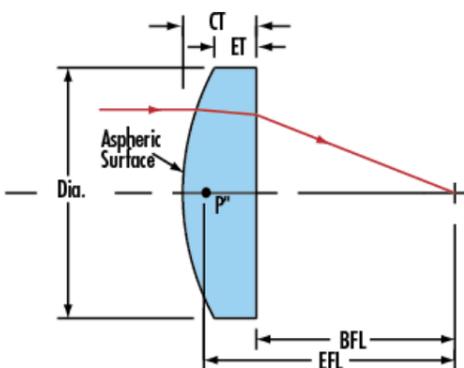
Certificate of Conformance:	View
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Product Details

- 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
