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TECHSPEC® 25mm Dia 0.11 NA, N/40 Uncoated, UV Fused Silica Aspheric Lens



TECHSPEC UV Fused Silica Aspheric Lenses



Stock #17-333 [CONTACT US](#)

⊖ 1 ⊕ ₹56,831

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Volume Pricing	
Qty 1-5	₹56,831 each
Qty 6-25	₹45,542 each
Qty 26-49	₹42,818 each
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General

Aspheric Lens **Type:**

Physical & Mechanical Properties

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

<1	Centering (arcmin):
22.5	Clear Aperture CA (mm):
3.85	Edge Thickness ET (mm):
5.50 ±0.1	Center Thickness CT (mm):
Protective as needed	Bevel:
Plano	Shape of Back Surface:

Optical Properties

100.00 @355nm	Effective Focal Length EFL (mm):
0.11	Numerical Aperture NA:
96.30	Back Focal Length BFL (mm):
Fused Silica (Corning 7980)	Substrate: <input type="checkbox"/>
355	Aspheric Design Wavelength (nm):
λ/40	Asphere Figure Error, RMS @ 632.8nm:
Uncoated	Coating:
40-20	Surface Quality:
4	f#:
Infinite	Conjugate Distance:
10.00	Power (diopters):

Regulatory Compliance

View	Certificate of Conformance:
Singapore	Country of Origin:
Edmund Optics India Private Limited	Imported By:

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

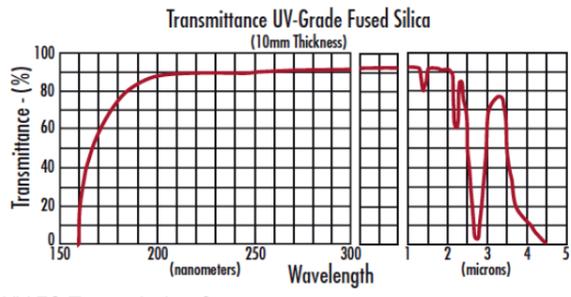
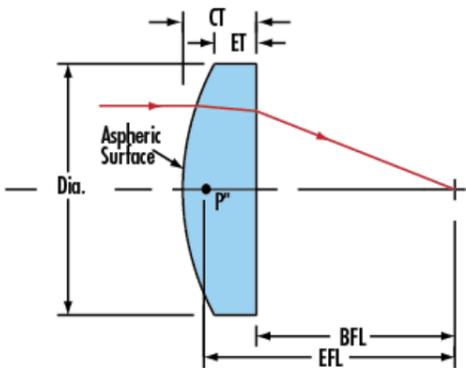
Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

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



UV FS Transmission Curve

Compatible Mounts

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