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TECHSPEC®

25mm Dia 0.23 NA,  $\lambda$ /40 Uncoated, UV Fused Silica Aspheric Lens



TECHSPEC UV Fused Silica Aspheric Lenses



Stock #17-329 5 In Stock

-

1

+

₹56,831

ADD TO CART

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

|                             |                                      |
|-----------------------------|--------------------------------------|
| Optical Properties          |                                      |
| 50.00 @ 355nm               | Effective Focal Length EFL (mm):     |
| 0.23                        | Numerical Aperture NA:               |
| 45.10                       | 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:                     |
| 2                           | f/#:                                 |
| Infinite                    | Conjugate Distance:                  |
| 20.00                       | 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

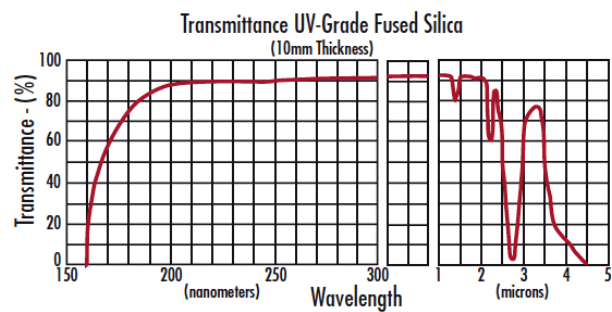
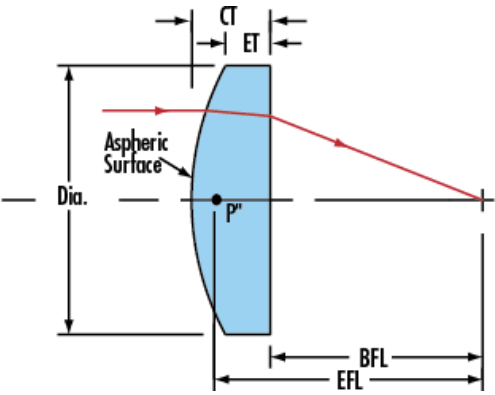
Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

## 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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