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**TECHSPEC® 25mm Dia 0.42 NA, UV-VIS Coated, UV Fused Silica Aspheric Lens**



TECHSPEC UV Fused Silica Aspheric Lenses



Stock #84-339 **12 In Stock**

[Other Coating Options](#)

1 ₹42,039

**ADD TO CART**

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | ₹42,039 each                  |
| Qty 6-25       | ₹33,631 each                  |
| Qty 26-49      | ₹31,529 each                  |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

**General**

Aspheric Lens **Type:**

**Physical & Mechanical Properties**

**Diameter (mm):**

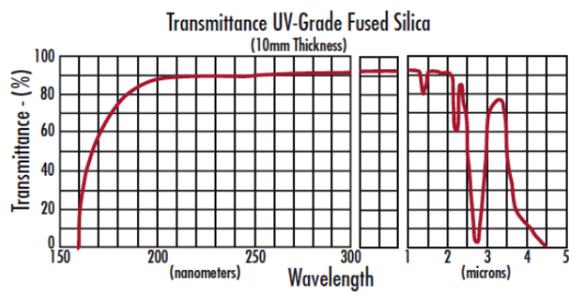
|                                      |   |
|--------------------------------------|---|
| 25.00 +0.0/-0.1                      | <b>Centering (arcmin):</b>                  |
| ≤5                                   |   |
| 22.5                                 | <b>Clear Aperture CA (mm):</b>              |
| 2.21                                 | <b>Edge Thickness ET (mm):</b>              |
| 8.50 ±0.1                            | <b>Center Thickness CT (mm):</b>            |
| Protective as needed                 | <b>Bevel:</b>                               |
| Plano                                | <b>Shape of Back Surface:</b>               |
| <b>Optical Properties</b>            |   |
| 30.00 @ 587.6nm                      | <b>Effective Focal Length EFL (mm):</b>     |
| 0.42                                 | <b>Numerical Aperture NA:</b>               |
| 24.17                                | <b>Back Focal Length BFL (mm):</b>          |
| Fused Silica (Corning 7980)          | <b>Substrate:</b> <input type="checkbox"/>  |
| 587.6                                | <b>Aspheric Design Wavelength (nm):</b>     |
| 1.2λ                                 | <b>Asphere Figure Error, RMS @ 632.8nm:</b> |
| UV-VIS (250-700nm)                   | <b>Coating:</b>                             |
| R <sub>avg</sub> <2.5% @ 250 - 700nm | <b>Coating Specification:</b>               |
| 60-40                                | <b>Surface Quality:</b>                     |
| 1.2                                  | <b>f#:</b>                                  |
| 250 - 700                            | <b>Wavelength Range (nm):</b>               |
| Infinite                             | <b>Conjugate Distance:</b>                  |
| 33.33                                | <b>Power (diopters):</b>                    |
| <b>Regulatory Compliance</b>         |   |
| Compliant                            | <b>RoHS 2015:</b>                           |
| View                                 | <b>Certificate of Conformance:</b>          |
| Compliant                            | <b>Reach 235:</b>                           |
| Singapore                            | <b>Country of Origin:</b>                   |
| Edmund Optics India Private Limited  | <b>Imported By:</b>                         |

## Product Details

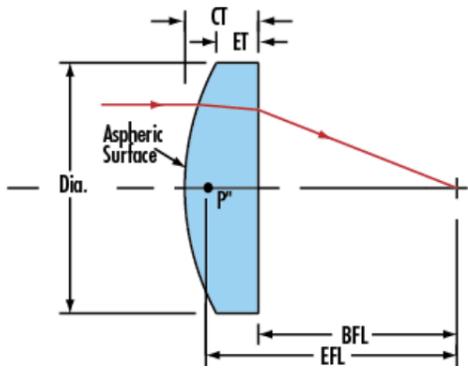
- Low Coefficient of Thermal Expansion
- Precision and High Precision Options
- High Numerical Apertures to Maximize Throughput

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



## 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