

TECHSPEC®

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



Stock #17-329 **1 In Stock**

1

C\$1,118^{.60}

ADD TO CART

TECHSPEC UV Fused Silica Aspheric Lens



Volume Pricing	
Qty 1-5	C\$1,118.60 each
Qty 6-10	C\$1,006.60 each
Qty 11-25	C\$939.40 each
Need More?	Request Quote

Product Downloads	
STEP:step	PDF Drawing:pdf
IGES:igs	Zemax:zar
Zemax:zmx	eDrawing:eprt
Code V:seq	EO Spec Sheet
Download All	

General

Type: Aspheric Lens

Physical & Mechanical Properties

Diameter (mm): 25.00 +0/-0.025	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: Fused Silica (Corning 7980)
Aspheric Design Wavelength (nm): 355	Asphere Figure Error, RMS @ 632.8nm: $\lambda/40$
Coating: Uncoated	Surface Quality: 40-20
f/#: 2	Design Wavelength DWL (nm): 355
Conjugate Distance: Infinite	Power (diopters): 20.00

Certificate of Conformance: [View](#)

Need different specs or modifications?

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

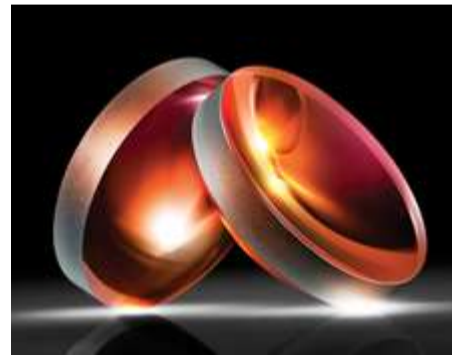
Related Products



C, S, and T-Mount Circular Optic Mounts



Optic Component Mounts



High Precision Aspheric Lenses



Glass Polished

Frequently Purchased Together



#33-966 - 25mm Dia 0.25 NA, NIR Coated, UV Fused Silica Aspheric Lens
C\$838.60

Qty



#48-568 - 25mm Dia., Deep UV (DUV) Mirror
C\$420.00



#54-632 - 50mm Length, C-Mount Extension Tube
C\$83.30

Qty



































#58-736 - 25mm Length, C-Mount Extension Tube
C\$61.60

Qty



Compatible Mounts

	Title	Type	Compare	Stock Number	Price	Buy
MORE+ 	25.0/25.4mm Optic Dia., SM1 Thin Mount, M4	Fixed		#13-787	C\$29.40 Request Quote	9 In Stock <input type="text" value="1"/> 
MORE+ 	25.0/25.4mm Optic Dia., SM1 Thin Mount, 8-32	Fixed		#13-788	C\$29.40 Request Quote	20+ In Stock <input type="text" value="1"/> 
MORE+ 	25.0mm Optic Dia., Optic Mount	Fixed		#64-560	C\$45.85 Request Quote	CONTACT US <input type="text" value="1"/> 
MORE+ 	25mm Thin Inner Single Optic Mount	Fixed		#38-755	C\$57.40 Request Quote	20+ In Stock <input type="text" value="1"/> 
MORE+ 	30mm Cage 25/25.4mm Diameter Lens Mount	Fixed		#85-587	C\$60.90 Request Quote	20+ In Stock <input type="text" value="1"/> 
MORE+ 	30mm Cage 25/25.4mm Diameter Thick Lens Mount	Fixed		#85-588	C\$64.05 Request Quote	20+ In Stock <input type="text" value="1"/> 
MORE+ 	25/30mm Cage 25mm Diameter Lens Mount	Fixed		#85-678	C\$64.05 Request Quote	3 In Stock <input type="text" value="1"/> 
MORE+ 	25.0/25.4mm Optic Dia., L-Slot Direct Mount	Fixed		#36-410	C\$95.20 Request Quote	20+ In Stock <input type="text" value="1"/> 
MORE+ 	25.0/25.4mm Optic Dia., Side Flange Direct Mount	Fixed		#36-414	C\$99.40 Request Quote	20+ In Stock <input type="text" value="1"/> 
MORE+ 	25/25.4mm Diameter, T-Mount Thin Optic Mount	Fixed		#52-292	C\$100.80 Request Quote	CONTACT US <input type="text" value="1"/> 
MORE+ 	25mm Thick Inner Pair Optic Mounts	Fixed		#11-054	C\$112.70 Request Quote	16 In Stock <input type="text" value="1"/> 
MORE+ 	25/25.4mm Diameter, C-Mount Thick Optic Mount	Fixed		#56-354	C\$138.60 Request Quote	5 In Stock <input type="text" value="1"/> 
MORE+ 	25.0/25.4mm Optic Dia., L-Slot and Rotation Direct Mount	Adjustable - Rotary		#36-411	C\$142.80 Request Quote	5 In Stock <input type="text" value="1"/> 
MORE+ 	25.0/25.4mm Optic Dia., X-Y Translating Optic Mount	Adjustable - Linear (XY)		#62-956	C\$386.40 Request Quote	CONTACT US <input type="text" value="1"/> 
MORE+ 	25.0/25.4mm Optic Dia., X-Y-Z Translating Optic Mount	Adjustable - Linear (XYZ)		#62-959	C\$756.00 Request Quote	6 In Stock <input type="text" value="1"/> 
MORE+ 	25.0/25.4mm Optic Dia., 5 Axes Optical Mount	Adjustable - Linear (XYZ) & Tip-Tilt		#13-776	C\$1,057.00 Request Quote	2 In Stock <input type="text" value="1"/> 

Resources

Media Type

- Application Note
- Scientific Paper
- Trending in Optics
- Video
- Published Article
- FAQ
- Glossary

APPLICATION NOTE

Anti-Reflection
(AR) Coatings

APPLICATION NOTE

An
Introduction to
Optical
Coatings

APPLICATION NOTE

Lens Geometry
Performance
Comparison

CASE STUDIES

Laser Optics
for Eye
Surgery

APPLICATION NOTE

All About
Aspheric
Lenses

WEBINARS

Design
Considerations
for Custom
Aspheres

[View More](#)