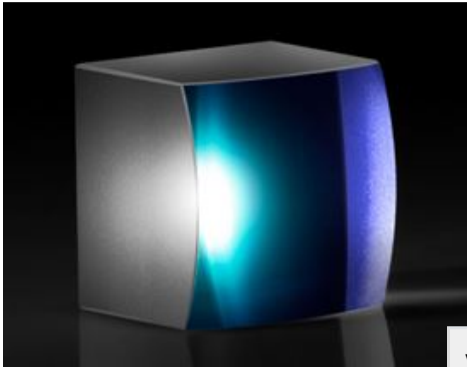


TECHSPEC®

10 x 10mm, 0.33 Numerical Aperture, Uncoated, Square Precision Aspheric Lens



Stock #17-308 **16 In Stock**

1

C\$436^{.80}

ADD TO CART

Volume Pricing	
Qty 1-5	C\$436.80 each
Qty 6-25	C\$350.00 each
Qty 26-49	C\$329.00 each
Need More?	Request Quote

Product Downloads	
STEP:step	PDF Drawing:pdf
IGES:igs	eDrawing:eprt
EO Spec Sheet	Download All

General

Type: Aspheric Lens

Physical & Mechanical Properties

Dimensions (mm):	10.00 x 10.00	Centering (arcmin):	<3
Clear Aperture CA (mm):	9.00 x 9.00	Edge Thickness ET (mm):	7.57
Center Thickness CT (mm):	8.62 ±0.10	Bevel:	Protective as needed
Shape of Back Surface:	Plano		

Optical Properties

Effective Focal Length EFL (mm):	15.00 @ 587.6nm	Numerical Aperture NA:	0.33
Back Focal Length BFL (mm):	10.22	Substrate: N-SF6	
Asphere Figure Error, RMS @ 632.8nm:	0.4λ	Coating:	Uncoated
Surface Quality:	40-20	f/#:	1.50
Wavelength Range (nm):	390 - 2500	Conjugate Distance:	Infinite
Power (diopters):	66.67		

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

- Rectangular and Square Aspheres in 5 x 5mm to 12.5 x 25mm sizes
- Precision Grade Aspheric Figure Error
- Ideal for Integration into Space Sensitive Laser Systems

TECHSPEC® Truncated Precision Aspheric Lenses are truncated versions of our [TECHSPEC Precision Aspheric Lenses](#). These aspheric lenses are CNC polished to achieve a 0.4λ (Waves) RMS aspheric figure error and then cut to square or rectangular sizes. The precision aspheric figure error of these lenses makes them advantageous for demanding imaging or laser systems requiring spherical aberration correction. TECHSPEC Truncated Precision Aspheric Lenses with their space saving form factors are ideal for integration into medical devices, life science instrumentation, and industrial laser systems. Please contact us if your application requires a [TECHSPEC Aspheric Lens](#) truncated to meet specific size requirements.

Technical Information

Related Products



Precision Aspheric Lenses



Aspheric Lenses



Non-Marring Tweezers



#17-242 - E-Series Adjustable Rectangular Kinematic Mount
C\$190.40

Qty

Frequently Purchased Together



#16-954 - 15mm Dia., 0.66 Numerical Aperture, 350-700nm



#16-953 - 15mm Dia., 0.50 Numerical Aperture, 350-700nm



#22-992 - 15mm Dia., 0.40 Numerical Aperture, 350-700nm

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

 CASE STUDIES

Laser Optics for Eye Surgery

 APPLICATION NOTE

Lens Geometry Performance Comparison

 APPLICATION NOTE

All About Aspheric Lenses

 WEBINARS

Design Considerations for Custom Aspheres

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