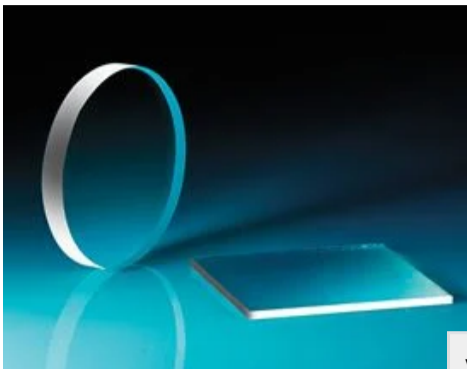


101.6 x 101.6 x 2mm High Efficiency Window



Stock #71-598 **7 In Stock**

1 **S\$64^{.40}**

ADD TO CART

Volume Pricing	
Qty 1-5	S\$64.40 each
Qty 6-25	S\$51.80 each
Qty 26-49	S\$47.60 each
Need More?	Request Quote

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

General

Type:	Protective Window
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Physical & Mechanical Properties

Clear Aperture CA (mm):	91.44 x 91.44	Dimensions (mm):	101.60 x 101.60 ±0.50
Thickness (mm):	2.00 ±0.25	Length (mm):	101.60
Width (mm):	101.60	Bevel:	Protective as needed
Clear Aperture (%):	≥90	Edges:	Ground and Seamed

Optical Properties

Angle of Incidence (°):	0	Coating:	BBAR (425-700nm)
Substrate:	Float Glass	Surface Quality:	80-50
Transmission (%):	96.9 Average (typical)	Coating Specification:	R _{avg} ≤0.5% @ 425 - 700nm
Wavelength Range (nm):	425 - 700		

Regulatory Compliance

RoHS 2015:	Compliant	Certificate of Conformance:	View
Reach 247:	Compliant		

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

- High Transmission
- Eliminate Back Reflections and Reduce Glare
- Available in a Wide Range of Sizes

High Efficiency Anti-Reflection (HEAR) Coated Windows feature dual broadband anti-reflection coatings, reducing reflectance to $\leq 0.5\%$. Anti-reflection (AR) coatings are applied to optical surfaces to increase the system's throughput and reduce hazards caused by reflections that travel backward through the system and create ghost images. The coating virtually eliminates back reflections, offering improved readability when used in industrial or scientific displays. High Efficiency Anti-Reflection (HEAR) Coated Windows have a high transmission, making them especially suitable for various optical applications. These anti-reflective windows are available in circular and square formats, with a diverse range of sizes offered in each.

Can't find what you need? Get a quick [custom quote](#).

Technical Information

Related Products



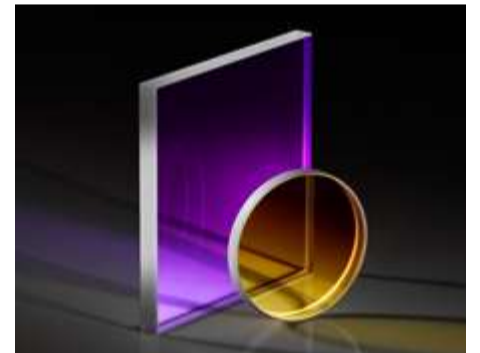
Cage System Optical Lens Mounts



C, S, and T-Mount Circular Optic Mounts



PUROSOL™ Optical Cleaner



1λ UV Fused Silica Windows

Quote Your Size

PLEASE ENTER YOUR
REQUIRED SPECIFICATIONS
HERE:

Type

Substrate

Thickness (mm)

Shape ⓘ

Diameter (mm) ⓘ

Length (mm) ⓘ

Width (mm) ⓘ

Quantity ⓘ

GET PRICING

TYPICAL 4-6 WEEK DELIVERY. DELIVERY DATE TO BE CONFIRMED AT TIME OF ORDER.

OTHER SUBSTRATES, DIMENSIONS AND THICKNESSES OUTSIDE OF THOSE SHOWN HERE ARE ALSO AVAILABLE. IF YOU ARE INTERESTED IN A PRODUCT OUTSIDE OF THE SPECIFICATIONS SHOWN IN THIS TABLE, PLEASE [CONTACT US](#) TO DISCUSS MANUFACTURING FEASIBILITY.

Frequently Purchased Together



#48-518 - 20° Diffusing Angle
50mm Dia., Fused Silica
Holographic Diffuser
S\$1,148.00

#48-929 - 101.6 x 101.6 x 1mm High
Efficiency Window
S\$64.40

#49-288 - 50mm Dia. x 300mm FL,
VIS 0° Coated, Achromatic Lens
S\$289.80

#86-915 - 75.0mm Dia. x 500.0mm
FL, VIS-NIR Coated, Plano-
Convex Lens
S\$221.20

Resources

Media Type

- Application Note
- Technical Tool
- Video
- Glossary
- FAQ

APPLICATION NOTE
Anti-Reflection (AR) Coatings

APPLICATION NOTE
An Introduction to Optical Coatings

TECHNICAL TOOL
Beam Displacement Calculator

APPLICATION NOTE
Understanding Optical Windows

VIDEO
Optical Windows Review

APPLICATION NOTE
Optical Glass

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