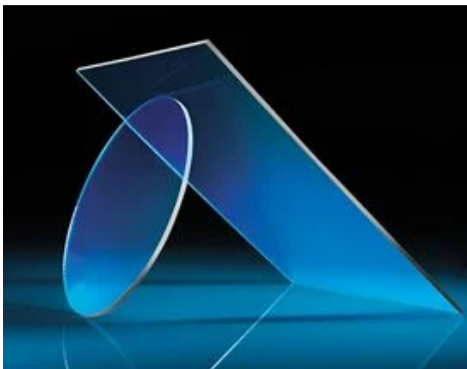


# 25.4mm x 25.4mm, Optical Cast Plastic Window



Stock #19-828 **2 In Stock**

1 **MRP ₹2,523**

Price inclusive of all taxes

**ADD TO CART**

Volume Pricing	
Qty 1-49	₹2,523 each
Qty 50-99	₹2,018 each
Qty 100-199	₹1,918 each
Need More?	<a href="#">Request Quote</a>

Product Downloads

- STEP:step
- PDF Drawing:pdf
- IGES:igs
- eDrawing:eprt
- EO Spec Sheet
- [Download All](#)

## General

<b>Type:</b> Protective Window	<b>Type of Window:</b> Plastic
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## Physical & Mechanical Properties

<b>Dimensions (inches):</b> 1 x 1	<b>Dimensions (mm):</b> 25.4 x 25.4
<b>Thickness (mm):</b> 1.50 ±0.15	

## Optical Properties

<b>Coating:</b> Uncoated	<b>Substrate:</b> <sup>①</sup> Thermoset ADC (CR-39®)
<b>Index of Refraction (n<sub>d</sub>):</b> 1.501	<b>Transmission (%):</b> >90 (typical)
<b>Abbe Number (v<sub>d</sub>):</b> 59.2	<b>Wavelength Range (nm):</b> 400 - 1500

## Material Properties

<b>Density (g/cm<sup>3</sup>):</b> 1.320	
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## Environmental & Durability Factors

<b>Operating Temperature (°C):</b> 100 Continuous, 130 for 1 hour	
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## Regulatory Compliance

<b>RoHS 2015:</b> <a href="#">Compliant</a>	<b>Certificate of Conformance:</b> <a href="#">View</a>
<b>Reach 242:</b> <a href="#">Compliant</a>	

Country of Origin: United States

Imported By: Edmund Optics  
India Private  
Limited  
267, Greystone  
Building,  
Second Floor,  
6th Cross Rd,  
Binnamangala,  
Stage 1,  
Indiranagar,  
Bengaluru,  
Karnataka,  
India 560038  
Phone: +91-  
80-6845 0000

## 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

- Lightweight Alternative to Glass Windows
- Excellent Thermal and Chemical Resistance
- Higher Transmission than Similar Transparent Plastics

Clear Optical Cast Plastic Windows are a lightweight and durable option compared to a glass alternative. These windows have a high transmission and low haze, have 25 - 50 times greater abrasion resistance, and are resistant to all types of chemicals and solvents (acetone, acids, alkali and alcohols). Due to their construction, these windows are able to be drilled using a carbide bit for various mounting needs.

Clear Optical Cast Plastic Windows are uncoated, and are available in circular, rectangular, and square options.

## Technical Information

## Frequently Purchased Together



#03-641 - 36" x 4", Breadboard  
₹29,056

Qty



#03-642 - 36" x 8", Breadboard  
₹40,760

Qty



#03-671 - Ring Mount for #40-998  
₹5,045

Qty



#03-676 - 7.0 - 40.0 Optic Height,  
English Bar-Type Optic Holder  
₹10,694

Qty

## 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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