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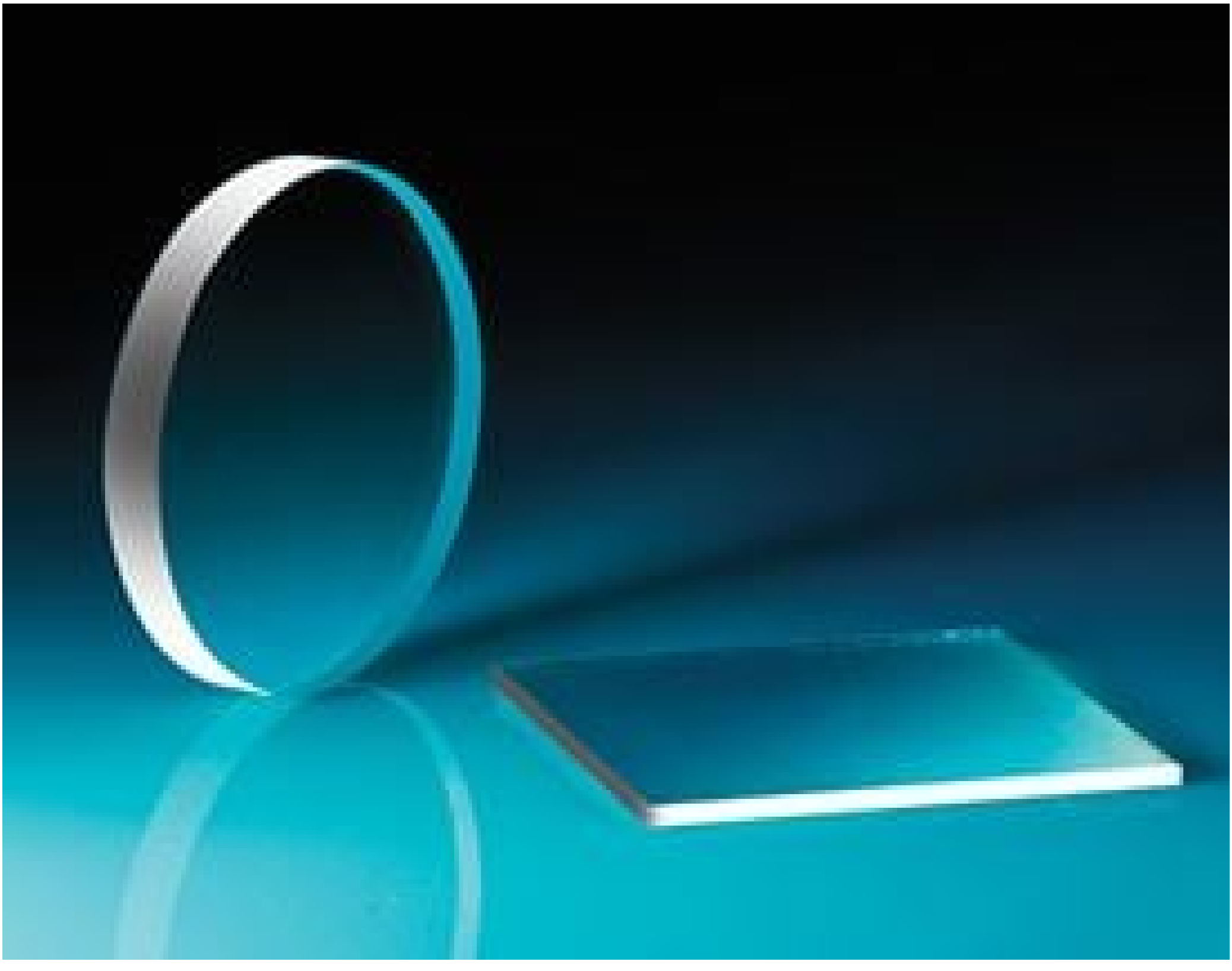
50.8 x 50.8 x 3mm High Efficiency Window



Stock **#46-099** **20+ In Stock**

- 1 + **₹1,724**

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Volume Pricing	
Qty 1-5	**₹1,724** each
Qty 6-25	**₹1,375** each
Qty 26-99	**₹1,302** each
Need More?	Request Quote

Product Downloads

General

Type:
Protective Window

Physical & Mechanical Properties

Clear Aperture CA (mm):
45.72 x 45.72

Dimensions (mm):
50.80 x 50.80

Thickness (mm):	3.00 ±0.25
Length (mm):	50.80
Width (mm):	50.80
Dimensional Tolerance (mm):	±0.76
Bevel:	Protective as needed
Clear Aperture (%):	≥90
Edges:	Seamed

Optical Properties

Angle of Incidence (°):	0
Coating:	BBAR (425-700nm)
Substrate:	Float Glass
Surface Quality:	80-50
Transmission (%):	95.6 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
Country of Origin:	United States
Imported By:	Edmund Optics India Private Limited

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.**

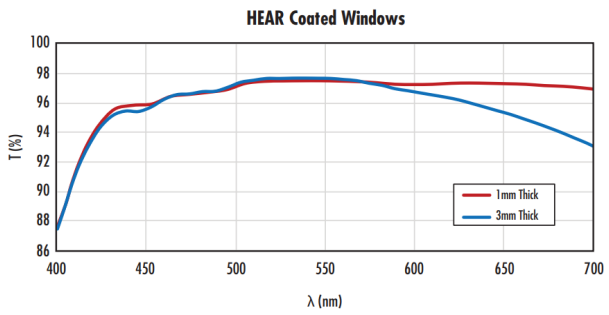
Product Details

- 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 ≤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



Quote Your Size

Compatible Mounts

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