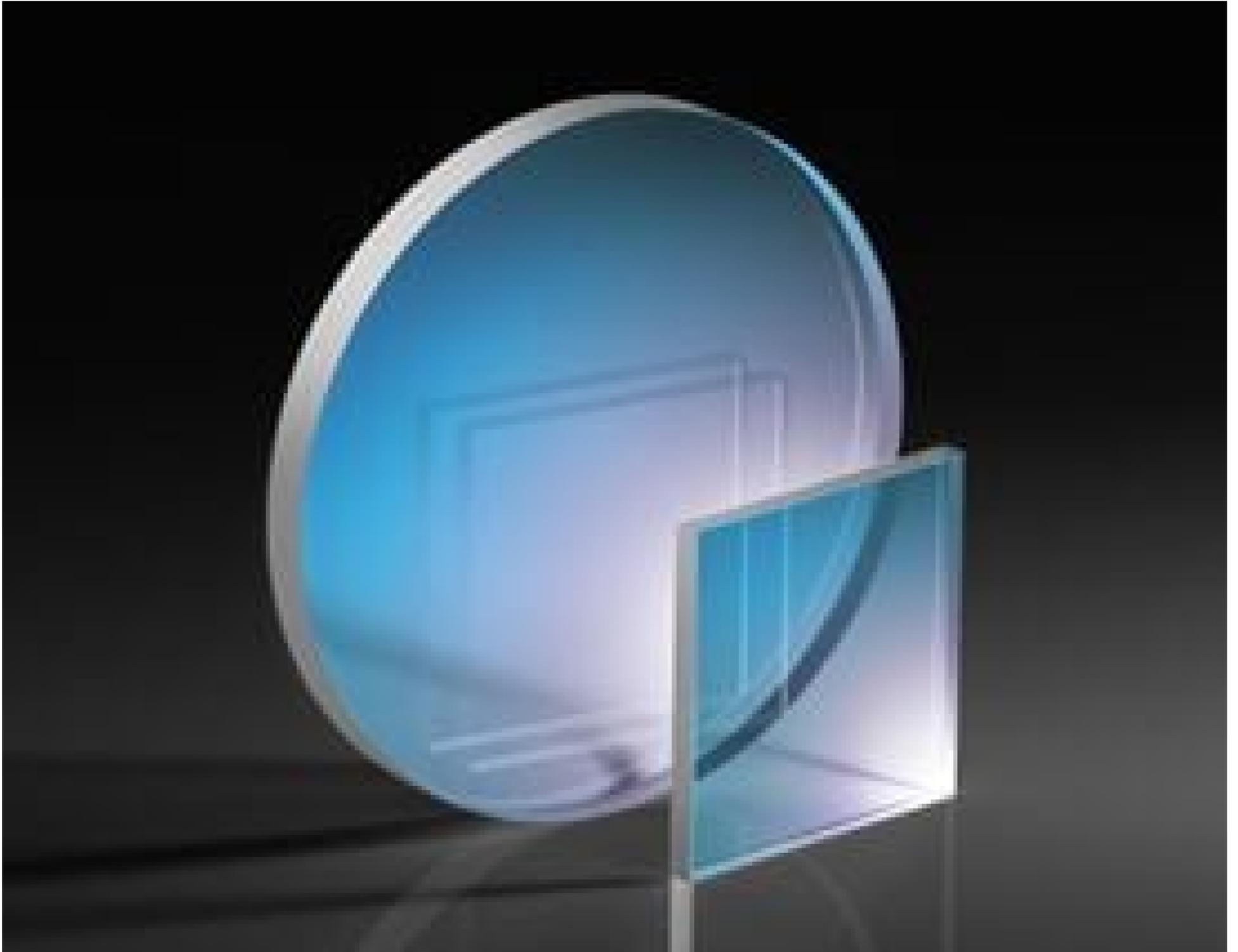


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## 50mm Diameter, 1.1mm Thick, <math><100 \Omega/\text{sq}</math>, ITO Coated Glass Windows



Indium Tin Oxide (ITO) Coated Conductive Windows

Stock #74-474 **NEW** 20+ In Stock

⊖ 1 ⊕ ₹5,655

**ADD TO CART**

Volume Pricing	
Qty 1-10	₹5,655 each
Qty 11-25	₹4,524 each
Qty 26+	₹4,241 each
Need More?	<a href="#">Request Quote</a>

### Product Downloads

#### General

Protective Window **Type:**

#### Physical & Mechanical Properties

50.00 ±0.2 **Diameter (mm):**

1.10 ±0.25 **Thickness (mm):**

Protective as needed **Bevel:**

ITO Window **Construction:**

Cut and Safety Seam **Edges:**

## Optical Properties

S1: ITO Coating **Coating:**  
S2: Uncoated

Float Glass **Substrate:** □

**Visible Light Transmission VLT (%):**  
 $T_{avg} \geq 88\%$  from 400-700nm

<100  $\Omega$ /sq **Coating Specification:**

400 - 700 **Wavelength Range (nm):**

## Material Properties

<100 **Surface Resistivity ( $\Omega$ / Sq):**

## Regulatory Compliance

[View](#) **Certificate of Conformance:**

United States **Country of Origin:**

Edmund Optics India Private Limited **Imported By:**

## Product Details

- Electro Magnetic Interference (EMI) Shielding, Defogging, and Display Protection Applications
- 10 $\Omega$ /sq and 100 $\Omega$ /sq Coating Options
- 12.5, 25, 50, and 75 mm Sizes Available
- Conductive Tape Available for Prototyping

Indium Tin Oxide (ITO) Coated Conductive Windows feature an electrically conductive coating on float glass substrates and are available in sheet resistivities of 10  $\Omega$ /sq and 100  $\Omega$ /sq. A low sheet resistivity of 10  $\Omega$ /sq is ideal for applications requiring high conductivity, while the 100  $\Omega$ /sq resistivity is commonly used for improved heat dissipation and NIR transmission. Available in both round and square sizes from 12.5 to 75 mm, the windows feature up to 88% visible light transmission in the 400-700nm range. Indium Tin Oxide (ITO) Coated Conductive Windows are ideal for a wide variety of applications including display protection, EMI shielding, outdoor surveillance, de-fogging, and de-icing applications. Additionally, conductive tape is available to simplify prototyping and integration.