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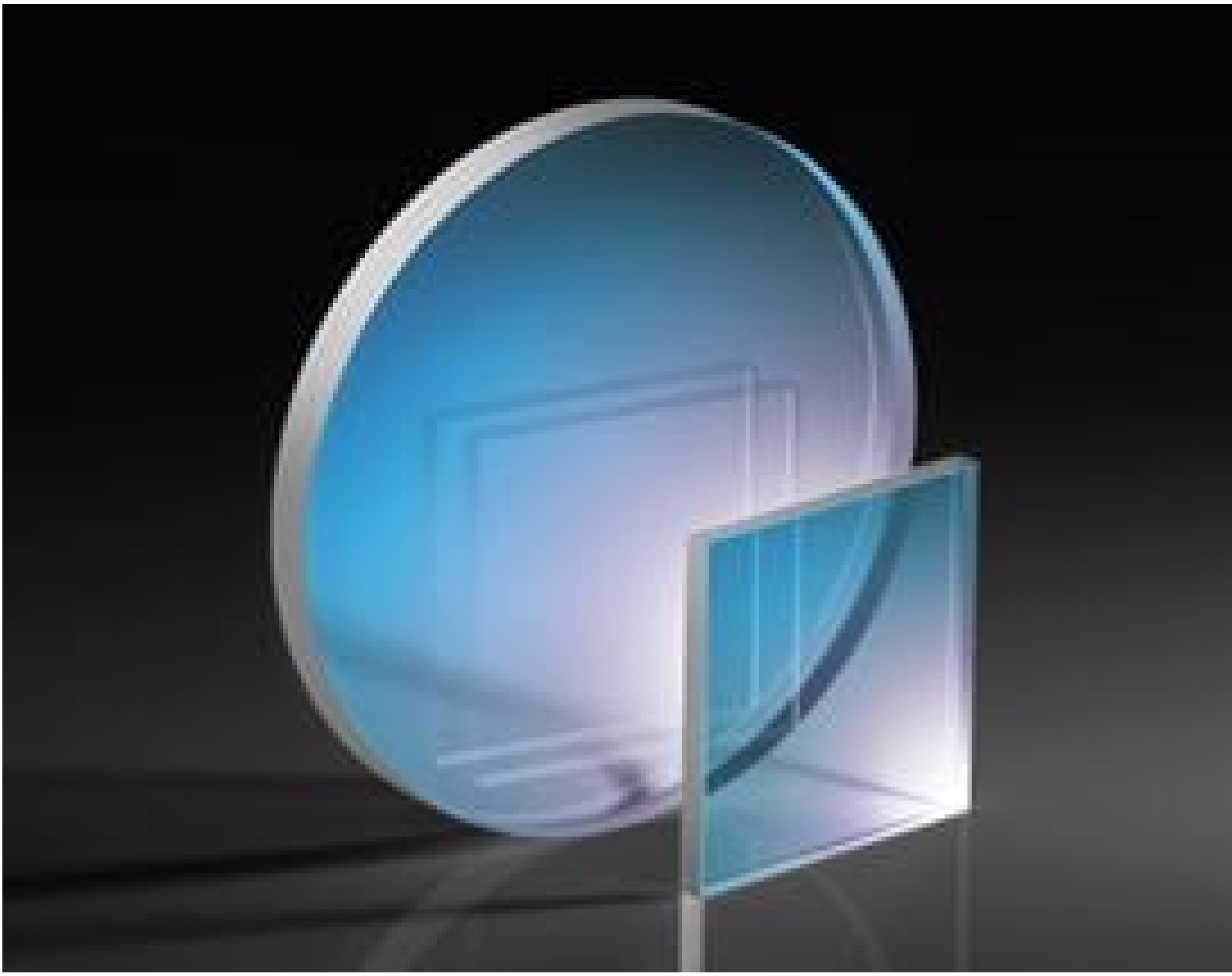
50mm Diameter, 1.1mm Thick, <10 Ω/sq, ITO Coated Glass Windows



Indium Tin Oxide (ITO) Coated Conductive Windows

Stock **#74-462** NEW **5 In Stock**

- 1 + **S$91**.00

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Volume Pricing	
Qty 1-10	**S$91.00** each
Qty 11-25	**S$72.80** each
Qty 26-49	**S$68.25** each
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General

Type:

Protective Window

Physical & Mechanical Properties

Diameter (mm):

50.00 ±0.2

Thickness (mm):

1.10 ±0.25

Bevel:

Protective as needed

Construction:

ITO Window

Edges:

Cut and Safety Seam

Optical Properties

Coating:

S1: ITO Coating
S2: Uncoated

Substrate:

Float Glass

Visible Light Transmission VLT (%):

T_{avg}≥80.5% from 400-700nm

Coating Specification:

<10 Ω/sq

Wavelength Range (nm):

400 - 700

Material Properties

Surface Resistivity (Ω/ Sq):

<10

Regulatory Compliance

Certificate of Conformance:

View

Product Details

- Electro Magnetic Interference (EMI) Shielding, Defogging, and Display Protection Applications
- 10Ω/sq and 100Ω/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 Ω/sq and 100 Ω/sq. A low sheet resistivity of 10 Ω/sq is ideal for applications requiring high conductivity, while the 100 Ω/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.

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