

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



Indium Tin Oxide (ITO) Coated Conductive Windows

Stock **#74-462** NEW **15 In Stock**

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1

+

₹5,655

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Volume Pricing	
Qty 1-10	₹5,655 each
Qty 11-25	₹4,524 each
Qty 26+	₹4,241 each
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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 S2: Uncoated	Coating:
Float Glass	Substrate: □
Visible Light Transmission VLT (%): T _{avg} ≥80.5% from 400-700nm	
<10 Ω/sq	Coating Specification:
Wavelength Range (nm): 400 - 700	
Material Properties	
<10	Surface Resistivity (Ω/ 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 DisplayProtection 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 Wndows 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.