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



Indium Tin Oxide (ITO) Coated Conductive Windows

Stock #74-479 **NEW** 20+ In Stock

- 1 + MRP ₹6,558

Price inclusive of all taxes

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Volume Pricing	
Qty 1-10	₹6,558 each
Qty 11-25	₹5,246 each
Qty 26-49	₹4,919 each
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Product Downloads

General

Protective Window **Type:**

Physical & Mechanical Properties

50 x 50 ±0.2 **Dimensions (mm):**

Thickness (mm):

1.10 ±0.25

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 Ω/sq **Coating Specification:**

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

Material Properties

<100 **Surface Resistivity (Ω/ Sq):**

Regulatory Compliance

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

United States **Country of Origin:**

Imported By:
Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
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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.