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50mm Diameter, 1.1mm Thick, <math><10 \Omega/\text{sq}</math>, ITO Coated Glass Windows



Indium Tin Oxide (ITO) Coated Conductive Windows

Stock #74-462 NEW 14 In Stock

⊖ 1 ⊕ A\$104⁰⁰

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Volume Pricing	
Qty 1-10	A\$104.00 each
Qty 11-25	A\$83.20 each
Qty 26-49	A\$78.00 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 (%):
 $T_{avg} \geq 80.5\%$ from 400-700nm

<10 Ω /sq **Coating Specification:**

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

Material Properties

<10 **Surface Resistivity (Ω / Sq):**

Regulatory Compliance

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

Product Details

- Electro Magnetic Interference (EMI) Shielding, Defogging, and Display Protection Applications
- 10 Ω /sq and 100 Ω /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.