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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**

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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General

Protective Window Type:

Physical & Mechanical Properties

50.00 ±0.2 Diameter (mm):

Thickness (mm):

1.10 ±0.25

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

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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
- 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.