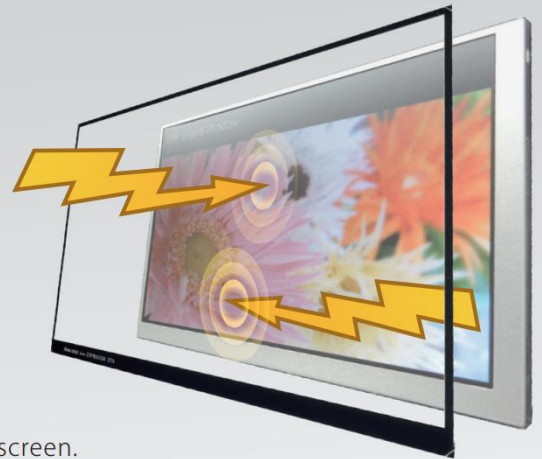


EMI SHIELD WINDOW

Prevent noise with the highest transmittance

EMI Shield Window

It is a glass panel that has been uniquely processed.
Used by attaching to openings that cannot be shielded by metal, such as liquid crystals, peepholes, and lenses. Prevents noise leaking inside and outside the device while maintaining the brightness of the screen.



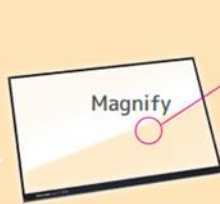
High transmittance (85%) + High shielding effect (45dB)

With our unique technology, we block the noise with the **industry's top class** transmittance.

Highly transparent because it is glass

40% reduction in reflection with blackened mesh

AR coating processing further prevents reflection *



Magnify

1 μ m thick ultra-fine metal mesh

If the mesh pitch is tighten to the general light transmittance (55%), the shielding effect will be further improved (60dB).*

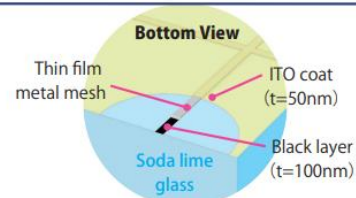
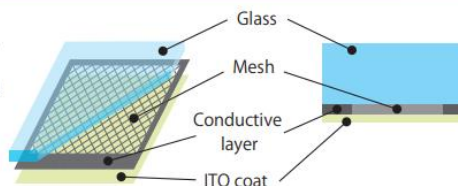
Other features

- As it is glass, it is resistant to scratches, chemicals, and heat. (No deformation even at high temperatures of 400°C)
- Compatible with tempered glass *
- Can be manufactured with any size up to 15 inches *
- Direct printing of characters and logos and half mirror processing are also possible *

* Custom support

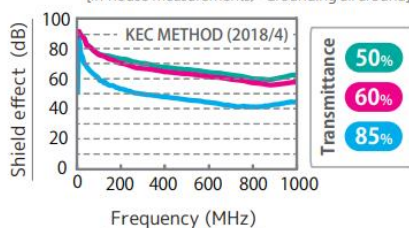
◆ Structure

EMI Shield Window has conductive border which is used when mounting to non-viewable area of your opening. For mounting, use shielding gasket or conductive fabric tape.



◆ Shield characteristics

[In-house measurements./ Grounding all around]



◆ Standard product lineup

Model	LCD Size	PCB Size (mm)
FFP105X067B07A	4.3 inch	105 x 67 x 0.7
FFP127X098B07A	5.7 inch	127 x 98 x 0.7
FFP164X104B07A	7 inch	164 x 104 x 0.7

Mesh pitch : 300 μ m, Line width : 10 μ m
Sheet resistance value : 1.4(Ω /sq.)

◆ Main application examples

Industrial equipment
such as aviation and medical

