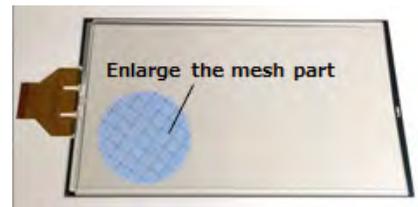


Capacitive Touch Panel : Cu Mesh Sensor

■ Features

- 1.The employed low-resistance copper mesh sensor enables the use of large panels (15 to 34 inches).
- 2.A single film structure makes it possible to bend the surface.
- 3.Uses no rare-earth metals. The wires and the sensor pattern are made of only the base metal, copper.



■ Specification

Transparency	85%
Reflectance	9%
Haze	1.5%
Resistance	5 to 20Ω/□
Range of Mesh Pattern	4μm
Operating Temperature	-30℃ to +85℃
Storage Temperature	-40℃ to +95℃

■ Comparison to ITO

Item	ITO (F1F)	Copper Mesh (F1)
Surface Resistance	200Ω/□ max.	20Ω/□ max.
Size	15inch max.	34inch max.
Curved Surface (2D)	Better (R700 max.)	Good (R500 max.)

■ Application

Car navigation system, center console for automotive, etc.