

Combi Shield™

Unlimited EMI
shielding possibilities



EMI-shielding solutions for electronic displays are usually integrated into the cover glass, but if this is not possible, Combi-Shield™ is an excellent alternative.

All you need is about 1-1,5mm of space for our Combi-Shield™ in the construction, since it is an EMI solution independent of the display window. A blackened mesh made from stainless steel or copper is stretched and mounted on a thin frame. This frame is also rigid, conductive, and corrosion-resistant.

The direct metal overlap and contact ensures that the application benefits from the maximum shielding potential for the chosen mesh.

Typical Applications

Combi-Shield™ is typically used in extreme and demanding applications within the medical- and military industry. The high shielding performance makes it ideal for TEMPEST applications. Furthermore, it is perfect for upgrading or retrofitting touch screens and other applications.

Customization

The frame is usually aluminum, but other metals are also available depending on your specific application. Combi-Shield™ solutions can also be customized with additional features, such as a surface-treated window.

Technical Data

Minimum Frame Width:	Approx. 12mm
Metal Frame:	AW 5005 Aluminum
Frame Thickness:	From 1mm
Conductive, corrosion resistant coating:	Iridite NCP Mac Dermid®
Standard operating temperatures:	-45°C to +95°C
Mesh orientation:	0° to 45°