

Combi-Shield™

Unlimited EMI shielding possibilities



Combi-Shield is an EMI shielding solution which can be combined with almost any type of front display window. It is especially suitable for touch-screen applications and for retro-fitting an EMC solution into an existing display.

The Solution

EMI-shielding solutions for electronic displays are usually integrated in the acrylic window, but if this is not possible, Combi-Shield is a perfect alternative. You just need the space for 1-1,5mm Combi-Shield in the construction. Combi-Shield is an EMC solution independent of the display window. A blackened mesh is stretched and mounted on a thin, rigid conductive and corrosion resistant metal frame. The direct metal overlap and contact ensures that the application benefits from the maximum shielding potential for the chosen mesh. The mesh is blackened stainless steel or copper.



Typical Applications

Combi-Shield is typically used in extreme and demanding applications within the medico and military industry. The high shielding performance makes it ideal for TEMPEST applications. Furthermore, it is perfect for upgrading or retro-fitting an existing solution or touch-screen application.



Customization

As a standard, the frame is aluminum but other metals are also available. Combi-Shield™ solutions can be customized with additional features, such as a surface treated window.

Änderungen der technischen Daten, Irrtum und Druckfehler vorbehalten.

YOUR CONNECTION TO OPTIMUM SERVICE AND QUALITY

Thonauer GmbH Perfektastraße 59 | 1230 Wien | Austria | +43 1 804 28 71-0 | info.vie@thonauer.com | www.thonauer.com
Sitz der Gesellschaft Wien | FN 118537w – HG Wien | Gerichtsstand Wien | EORI-Nr. ATEOS1000007573 | DVR 0592749 | ARA-Nr. 3073
UniCredit Bank Austria AG, IBAN: AT36 1200 0006 0422 9500, BIC: BKAUATWW

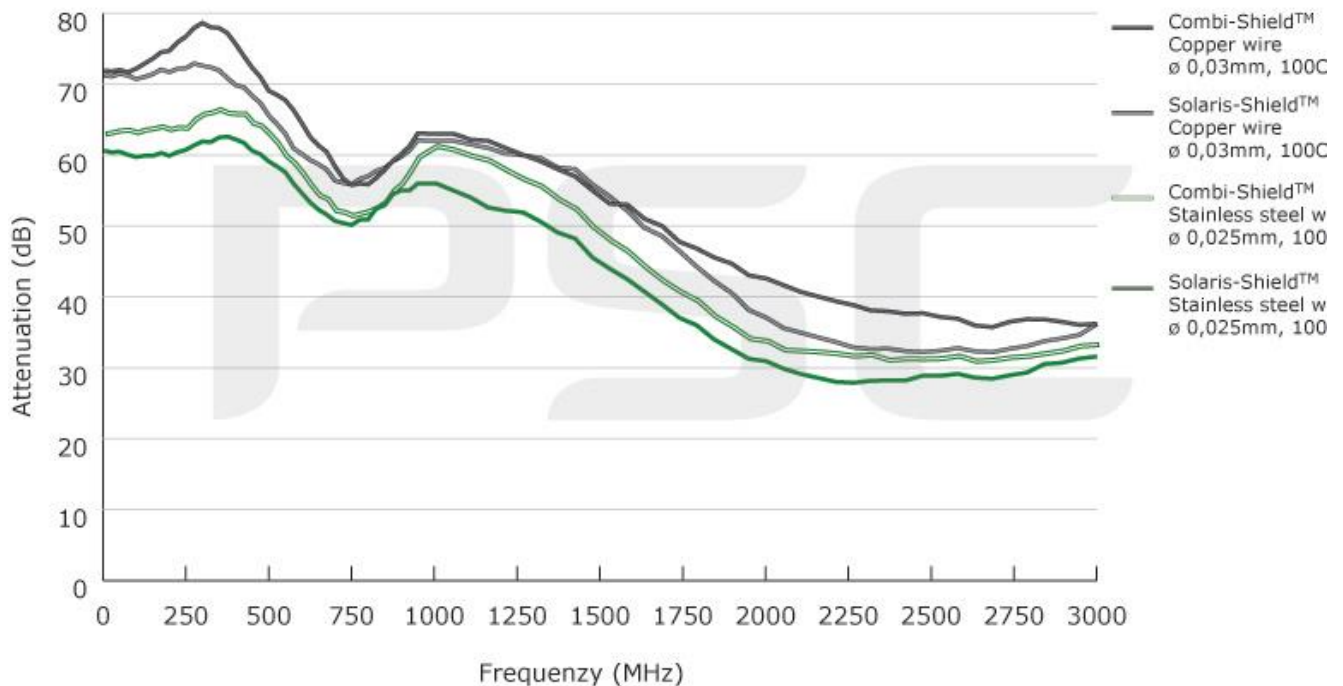
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Technical Data

- Minimum frame width approx.. 12 mm
- Metal frame Aluminium type AW5005
- Frame thickness form 1 mm
- Mesh type SG229/25, other types upon request
- Conductive, corrosion resistant coating Iridite NCP MacDermid®
- Standard operation temperatures between -45°C to 95°C
- Mesh orientation 0° to 90°
- Mesh blackening

Performance Characteristics

EM Nearfield, open area 400 x 300 mm



TH-07/2018

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