

Complete Shielding Solutions

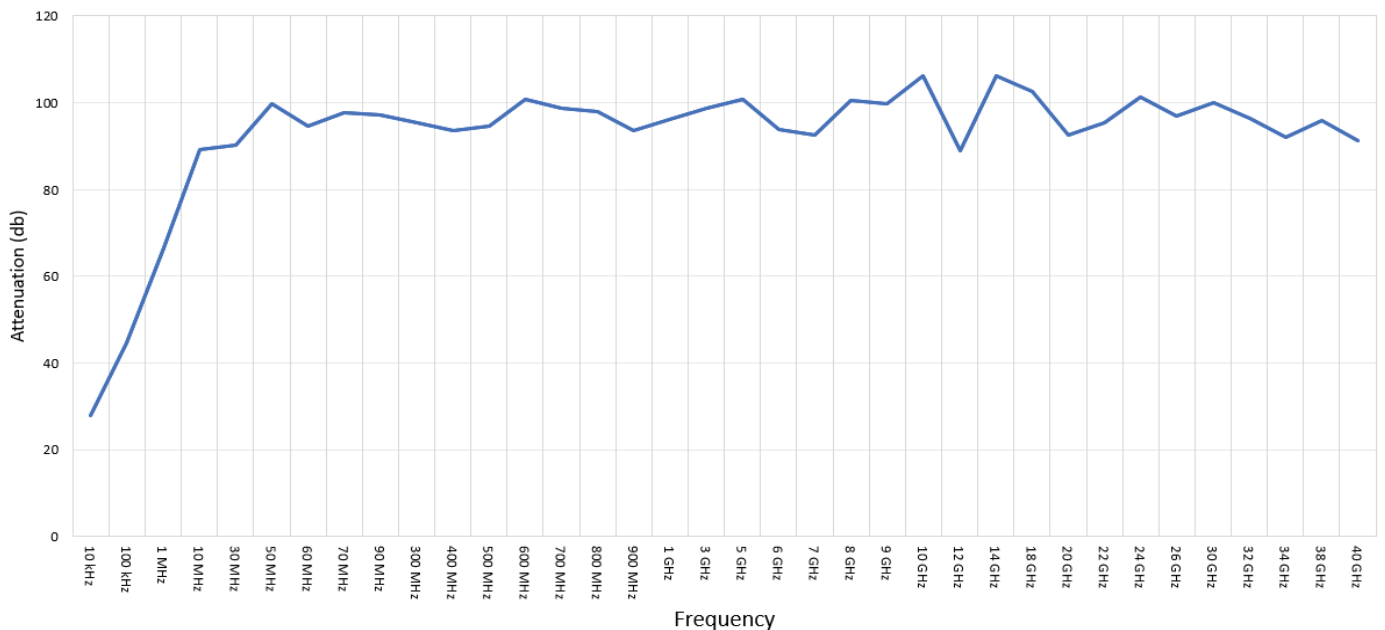
Select Fabricators is the leading U.S. manufacturer of RF Shielded Tents/Enclosures. With more than 1,000 enclosures produced, we are trusted by users in the government, defense, automotive, and technology industries.

High Attenuation:

SFI's shielding fabrics offer the highest levels of attenuation. Patented designs combined with innovative construction methods and expertise in RF/EMI shielding allow our fabric enclosures to reach attenuation levels over -100 dB and maintain on overall average over -85db.



Shielding Effectiveness of Double Layer Nova™



Portable

Fabric enclosures offer a portability aspect that allows the system to be easily assembled/disassembled, transported, folded, and stored. SFI offers different pop-up and semi-permanent frame styles to fit a particular space constraint or application. Deployment times range from 60 seconds to 45 minutes depending on use case.



Custom

In addition to our catalog of standard sizes, SFI offers the option to have enclosures made to custom specifications making for a versatile solution for any unique requirement. Custom options for ventilation, filtered connections, lighting, and more give users a completely integrated shielding solution.



Upgraded Options:

IO Filter Plates and Filtered Connectors:

High performance IO plates rated for -100 dB, are used to manage filtered connections running into the tent. Power, Ethernet, USB, SMA, HDMI, are only a few of the filtered connectors that SFI offers. Plates are designed to fit custom need.



Ventilation:

Select Fabricators' shielded fabrics are tightly woven and offer little breathability. A ventilation system is always required when people will be working inside the enclosure. Enclosures containing heat generating devices may require a cooling system. SFI offers ventilation and air-conditioning with filtered honeycomb vent panels integrated in the RF Tent wall.



Other Options:

For projects with specialized requirements, SFI has additional options for fire suppression, outer protective layers, sound dampening technologies, and more rugged flooring. Other custom enhancements could include lighting, foam absorber, WiFi perimeter scanners, and airline assessable packages.



Patents Awarded to Select Fabricators:

US 9,930,816 B2 (Mar 2018), US 9,029,714 B2 (May 2015), US 8,723,053 B2 (May 2014), US 8,530,756 B1 (Sep 2013)

Magnetic Door Closure

US 9,029,714 B2 (May 12, 2015)

The shielded door utilizes two rows of flexible magnets around the perimeter of the door opening. The resulting attenuation of this method is as high as a solid wall of the shielding fabric. The patented door technology assists in quick and easy opening/closing as well as provides a more durable sealing option as compared to the alternative. Magnet sealed doors have an average lifespan of over 110x longer than velcro sealed doors.



Modular Design

US 9,930,816 B2 (Mar 27, 2018)

The modular tent design for large scale projects allows an enclosure to be manufactured with panels, which are then connected together during installation at the customer's location. SFI has completed multiple installations in the defense and automotive industries. The modular design allows for larger sizes than are possible with standard enclosures with the added benefit to allow future expansion.

