

RF/EMI Shielding Tabletop Enclosures

LIGHTWEIGHT AND PORTABLE

Control Radio Frequency (RF) and Electromagnetic Interference (EMI) by using Select Fabricators' RF/EMI Portable Tabletop Enclosures.

Portable and more cost effective than rigid metal boxes, Select Fabricators' Tabletop Enclosures deliver maximum isolation and offer an easy to assemble, store, and transport option.

Tested independently to IEEE® 299 standards, SFI's Tabletop Enclosures resulted in a minimum signal attenuation of -85.7 dB over a range of frequencies from 400 MHz to 18 GHz when measuring through the wall at multiple locations in the enclosure.



PATENTED PERFORMANCE

Exclusive, single door, patented (US Pat. No. 9,029,714), features a double magnet strip closure to deliver maximum isolation. Reduces RF/EMI leakage for enhanced performance.

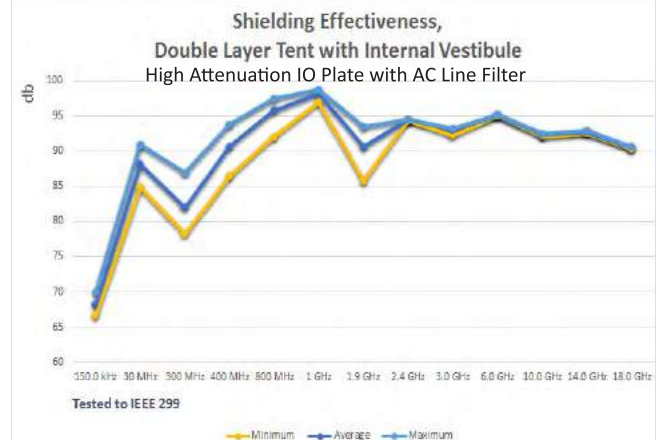
INTEGRATED FILTER PLATE

Choose from an integrated I/O filter plate with standard or high attenuation power filters. Provides a power line and optional filtering for Ethernet and USB. Custom multiple filter and connector options are available.



Construction

Made in the USA, SFI's RF/EMI Shielding Portable Enclosures' exterior fabric walls are constructed from NovaSelect™ conductive silver/copper/nickel RoHS compliant material. SFI's fabric enclosures have an average shielding effectiveness of -85 dB in the range of 30 MHz to 1 GHz and averages -90 dB in the range of 1 GHz to 18 GHz. (See chart below.)



* Testing completed on room size walk-in tents.

Industries Served	Technology Sectors
Aerospace & Defense	3G, 4G, 5G, LTE, Cellular, Bluetooth, Zigbee, Mesh
Automotive	802.11a/b/n Commercial-Enterprise, WLAN, WiFi
Cellular & Computer Forensics	EMC Pre-Compliance
Commercial Wireless	LF/UHF RFID
Homeland Security	Medical Equipment Testing
Industrial Wireless	Satellite Communications
Law Enforcement	Secure Communications
Military	Wireless Device Testing

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INTEGRATED FAN



Optional ventilation provided by RF shielded honeycomb vents and fan. The unit is designed to provide air circulation while suppressing unwanted RF/EMI interference.

SERIES 600 FRAME



Square, heavy duty, aluminum frame. No drilling required. Reduced assembly time with positive button hole locking connection.

OPTIONS

- Ventilation: Two RF Shielded Honeycomb Vents and Fan
- LED String Lights
- RF Shielded Viewing Window
- Cable Sleeve
- Filter Plate with any of the following:
 - Bulkhead and Signal Connectors
 - Data and Signal Filter Connectors
 - (DB9, 15, 25, USB, Ethernet)
 - Power
(AC: 90-480 volts up to 100 amps)
(DC: 0-100 volts up to 20 amps)
- Foam Absorber
- Fire Retardant Fabric
- Detachable Floor

Select Fabricators' RF EMI Tabletop Enclosures are ideal for smaller applications or confined areas.

All of SFI's Enclosures are:

- Single or Double wall RF/EMI shielding enclosure
- Heavy-duty aluminum frame with an adjustable strap attachment system
- Constructed with US made RoHS compliant, durable, lightweight silver/copper/nickel fabric
- Floor design is conductive fabric between two layers of heavy duty tarp
- Lightweight for easy, storage, transport and low-cost shipping
- Selection of filter plates: High attenuation or standard power filtering
- Storage bag

All enclosures can be made to custom specifications

STANDARD SPECIFICATIONS

Enclosure Size			Enclosure Configuration
Length (inches)	Width (inches)	Height (inches)	
24"	24"	24"	Single or Double Wall
36"	36"	36"	Single or Double Wall
48"	48"	48"	Single or Double Wall
36"	24"	24"	Single or Double Wall
48"	24"	24"	Single or Double Wall

Custom sizes are available. Contact us with your requirements.

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