

E-Textiles

RF Shielded

Enclosure Options

Introduction

- ▶ Our portable RF shielded enclosures are self contained portable enclosures designed for wireless over the air measurements, and ambient reduction. These enclosures are constructed using high quality shielded material provided by Statex. The enclosure is available in multiple sizes, layers, and configurations.
- ▶ The Electronics Textiles brand of RF shielded enclosures are designed for taking over the air measurements for design verification, performance testing, pre-certification tests, production line measurements and quality assurance tests, and any application requiring an ambient free environment. Its size, weight, and ease of assembly make it very portable. Our enclosures can be configured to suit your specific wireless testing applications in a wide range of available configurations.

Specifications

- ▶ *Our portable RF shielded enclosures offer a variety of shielding performance levels depending on the series of enclosure.*
- ▶ *8000 Series: Two layer construction offering an average of 80-95 dB of shielding performance from 30 MHz - 10 GHz.*
- ▶ *7000 Series: Two layer construction offering an average of 60-75 dB of shielding performance from 30 MHz - 10 GHz.*
- ▶ *6000 Series: Single layer construction offering an average of 40-50 dB of shielding performance from 30 MHz - 10 GHz*

Standard Sizes

- ▶ 2'x4'x2'
- ▶ 6'x6'x7'
- ▶ 7'x7'x7'
- ▶ 8'x8'x8'
- ▶ 9'x12'x8'
- ▶ 12'x12'x8'
- ▶ 15'x20'x12'

Custom Sizes available upon request

Options

- ▶ Single, double, or triple layer construction
- ▶ Entry Foyer
- ▶ Permanent Bulkhead
- ▶ Removable Bulkhead
- ▶ Filtered feed through connections for communications; (Bulkhead Panel)
- ▶ SMA
- ▶ USB
- ▶ RJ45 (Ethernet)
- ▶ RS232
- ▶ D-Sub
- ▶ Fiber Optic
- ▶ Custom I/O configurations.
- ▶ Filtered Power Inputs
- ▶ Power Filter Box with cable sleeve assembly
- ▶ Frequency Specific Notch Filters
- ▶ Band Pass Filters
- ▶ BNC or SMA Mounted Feed through Wireless Antennas
- ▶ Honeycomb Ventilation
- ▶ Forced Air Fan Assembly
- ▶ Air Conditioning
- ▶ Absorbers
- ▶ Internal Curtains
- ▶ Internal Separating walls
- ▶ Exterior covers for outdoor applications
- ▶ Acoustical shielding
- ▶ Frames: EZ Up Style, Aluminum Tube, Steel Tube, or roll-able rack.
- ▶ Custom Configurations are available upon request. Our team of application experts is standing by to work with you in determining your application specific requirements and configurations.

Option Photos

Aluminum Tube Frame



Option Photos

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Floor-Less Models



Option Photos

Roll-able Style Rack Frame



EZ-Up Style Frame

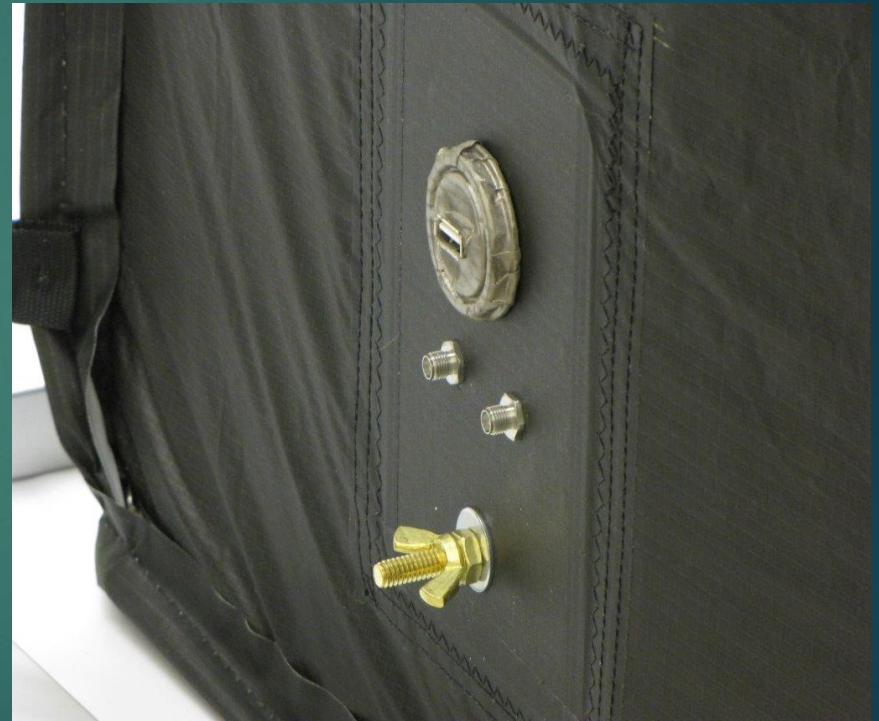


Option Photos

Removable Bulkhead Panel



Permanent Bulkhead Panel



Option Photos

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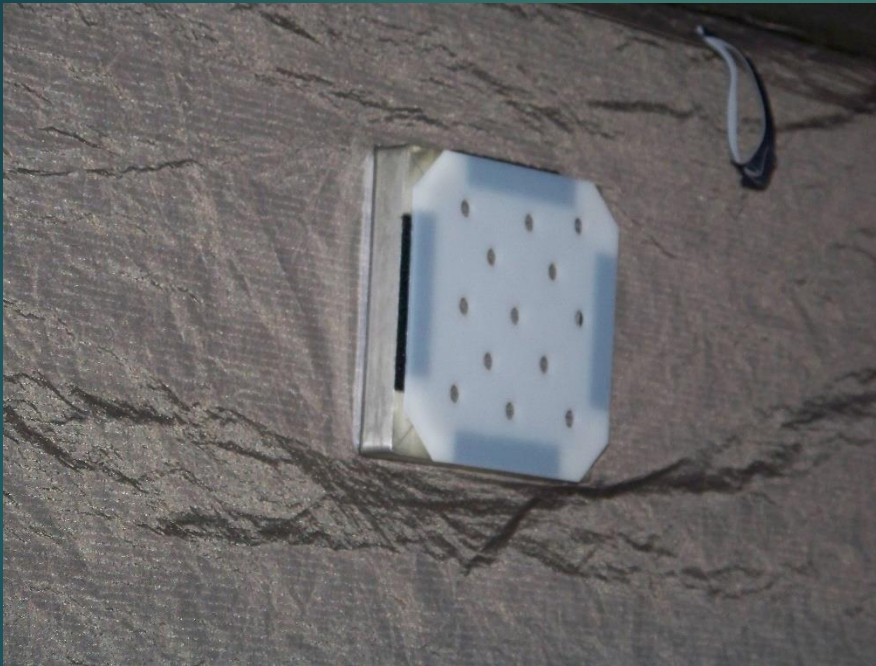
Power Filter Box



Option Photos

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Ventilation



Option Photos

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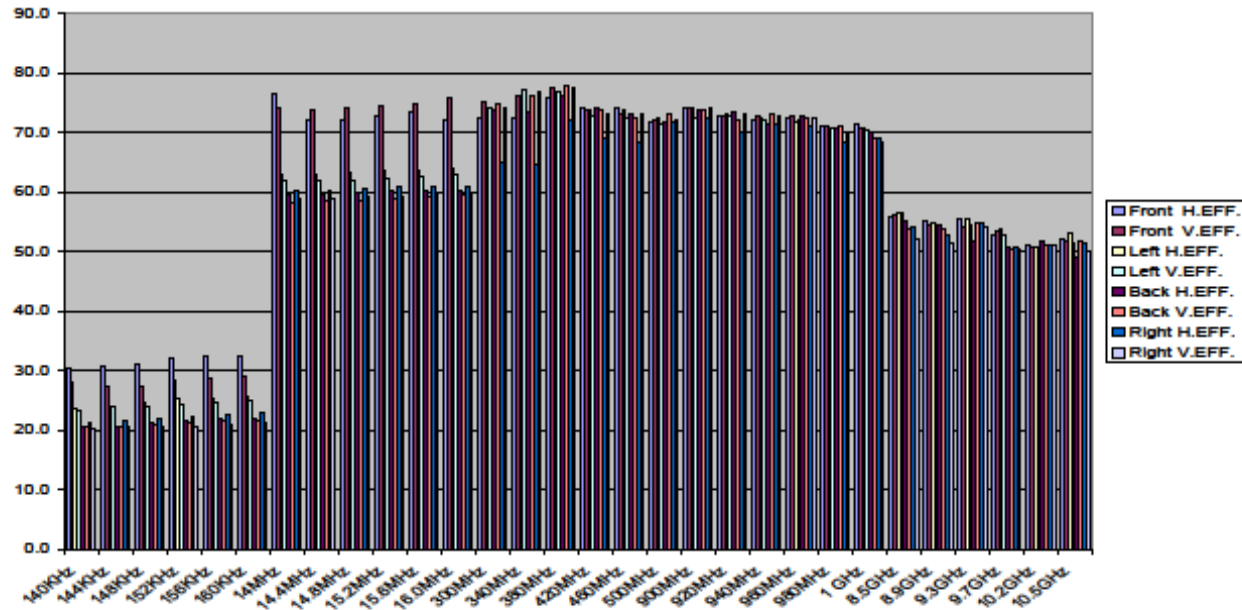
Absorbers



Performance 6000 Series

One layer of Nora LX

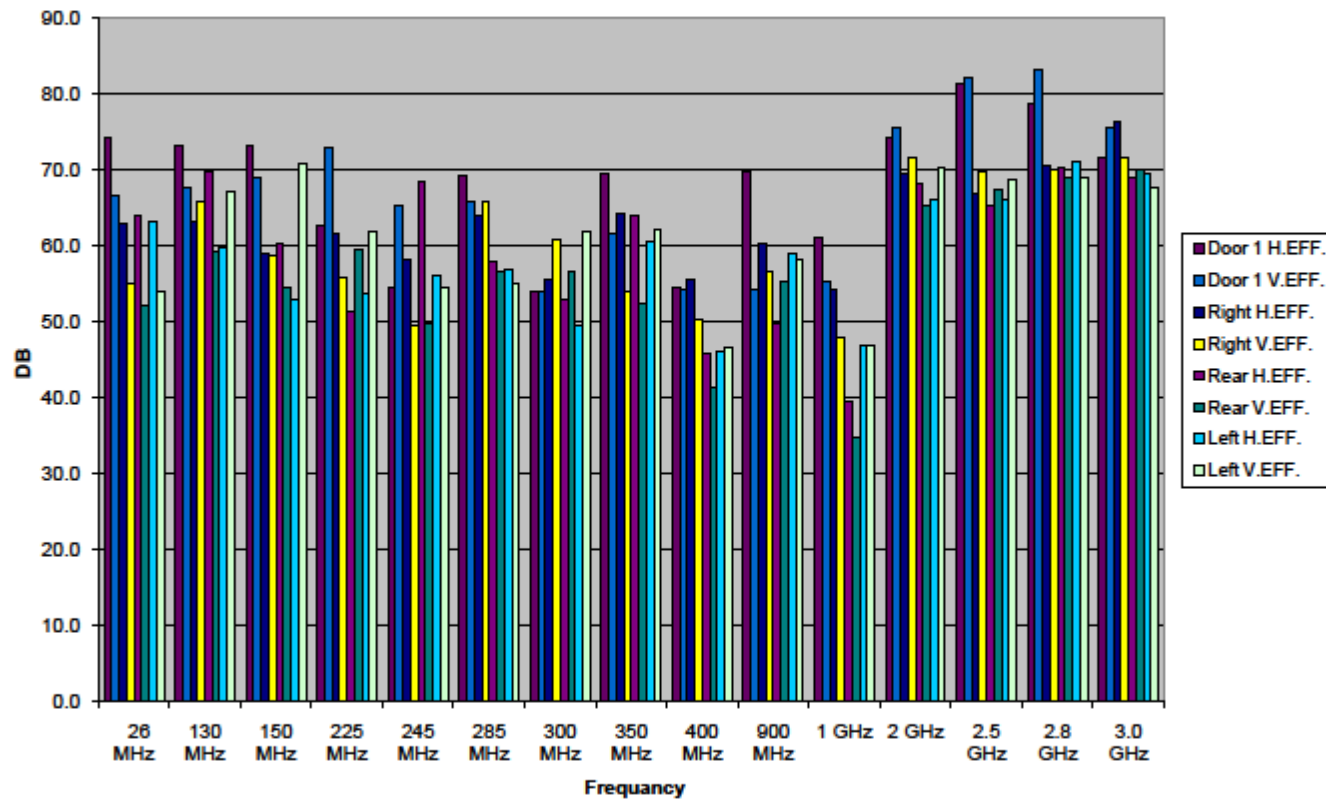
Testing done by  **Diversified T.E.S.T. Technologies, INC.**
Your Independent, Full Service Test Laboratory



Performance 7000 Series

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Model 7000 Tent 2Mx2Mx2M



Available Shieldex Materials

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- ▶ Optional Materials:
 - ▶ All of our woven goods
 - ▶ Zell & Zell CR (Ag/Cu/Sn)
 - ▶ Nora Dell & Nora Dell CR (Ag/Cu/Ni)
 - ▶ Nora (Ag/Cu/Ni)
 - ▶ Nora LX (Cu/Ni)
 - ▶ Bremen (Ag)
 - ▶ Kassel (Ag/Cu)
 - ▶ Nanking (Ag/Ni)

Mesh and Non-Woven Materials also available