

Select-A-Shield™ RF EMI Shielding Portable Enclosures



MOBILE TENTS OFFER ADVANTAGES OVER HARDWALL ROOMS

Select Fabricators' **RF EMI Shielding Portable Enclosures** border on the performance of fully welded metal rooms, meeting shielding requirements without the added expenses of installation, removal and re-installation. Prototype and pre-compliance testing of electronic and wireless devices, temporary EMI shielding and secure communications all need on-site, economical shielding. SELECT developed a US made material and uses a choice of three

frame structures with numerous options to manufacture table top to room-sized enclosures with optimum attenuation.

Independent testing to IEEE® 299 of a complete assembled tent system including installed components resulted in a minimum signal attenuation of -85.7 dB over a range of frequencies from 400 MHz to 18 GHz measuring through the wall at multiple locations.



VIRTUALLY ANY SIZE

Standard Sizes range from table top test boxes to 9' x 19' x 10' free standing enclosures. Larger custom designed sizes can also be produced to meet your critical specifications.



OPTIMUM PROTECTION

Manufactured using NovaSelect™ RoHS Compliant silver/copper/nickel conductive fabric and single door (US Pat. No. 9,029,714) or double door (US Pat. No. 8,530,756) patented seal system. The double magnet strip closure delivers maximum isolation.



WHEN YOU HAVE TO SHIELD . . . SELECT



Enclosure Construction Shielding Effectiveness:

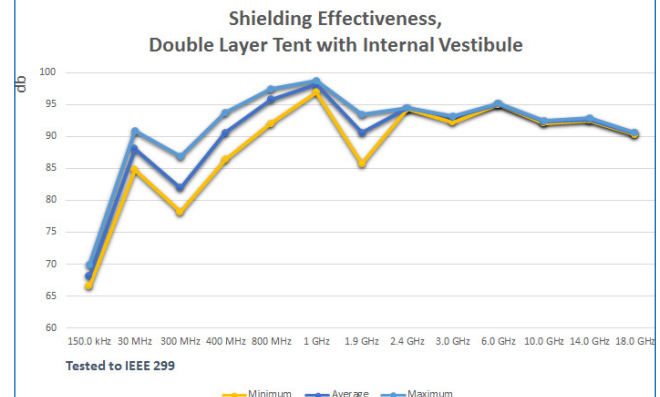
Tested with internal vestibule design, high performance I/O plate and AC line filter.
-85.7 dB minimum from 400 MHz to 18 GHz (see chart)

Double Layer Enclosure

Tested with filter box using standard performance AC line filter, no vestibule.
-78 dB average from 150 kHz to 18 GHz

Single Layer Enclosure

Tested with filter box using standard performance AC line filter, no vestibule.
-66 dB average from 150 kHz to 18 GHz



Industries Served

Commercial Wireless
Industrial Wireless
Automotive
Aerospace & Defense
Cellular Forensics
Computer Forensics
Homeland Security
Law Enforcement
Military

Technology Sectors

Wireless Device Testing
802.11a/b/g/n Commercial – Enterprise, WLAN, WiFi
3G, 4G, LTE, Cellular, Bluetooth, Zigbee, Mesh
LF / UHF RFID
Secure Communications / SCIF
Satellite Communications
EMC Pre-compliance
Medical Equipment Shielding



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RF EMI Shielding Portable Enclosures



Simple to set up, with lightweight pop-up or semi-permanent frames.

SERIES 100 FRAMES



Easy-up steel frame. From 8' x 8' to 10' x 20' with adjustable height.

Custom sized enclosures are available. See chart to the right below for standard sizes.

SERIES 300 FRAMES



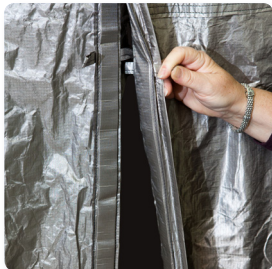
Rectangular heavy-duty aluminum frame. With a wide range of structural profiles, frames are configured to meet enclosure size and weight requirements. Excellent for large sized tents and cleanroom applications.

SERIES 500 FRAMES



Round heavy-duty aluminum frame. The easy "socket connection principle" of the internal tension system reduces construction assembly to a minimum. A connection is established effortlessly by simply tightening a clamping screw.

PATENTED DOOR SYSTEMS



Single door, US Pat. No. 9,029,714 or double door, US Pat. No. 8,530,756 patented door seal systems deliver maximum isolation. Reduces RF/EMI leakage for enhanced performance.

I/O FILTER PLATE



Choose from an integrated I/O Filter Plate with standard or high attenuation power filter. Provides a power line and optional filtering for Ethernet and USB. Custom multiple filter and connector options are also available which can include: SMA, BNC and Fiber Optics, etc.

SPECIFICATIONS

All enclosures are made in the USA of US materials.

- Standard sizes and configurations from tabletop to 9' x 19' x 10'.
- Custom sizes designed to your requirements.

Standard enclosure includes:

- Conductive floor between two layers of heavy-duty tarp
- 40" x 54.5" double door or single door patented seal systems on the length side
- Cable sleeve
- Enclosure Storage Bag: All enclosures come with a storage bag for protection when in transit or not in use.

OPTIONS:

- Cleaning in SELECT's on-site ISO Class 7 cleanroom
- Door Sizes 5' x 5' and larger
- ESD white interior liner
- Filter plates
- High Attenuation Power Filters
- Filter boxes with standard line filter
- Cable sleeves
- Frame roller bags and hard travel cases
- LED interior perimeter lighting or EMI hardened strung lights
- Testing of completed enclosure
- Ventilation
- Ventilation with Air Conditioning
- Vestibule
- Viewing Window - RF shielded

Tent Enclosure / Frame Sizes (custom sizes are always an option)

Part Number	Enclosure Size			Frame Size		
	Length (feet)	Width (feet)	Height (feet)	Length (feet)	Width (feet)	Height (feet)
Series 100-080808	7'	7'	6' 6"	8'	8'	8'
100-080810	7'	7'	8'	8'	8'	9' 7"
100-101008	9'	9'	6' 6"	10'	10'	8'
100-101010	9'	9'	8'	10'	10'	9' 7"
100-101508	9'	14'	6' 6"	10'	15'	8'
100-101510	9'	14'	8'	10'	15'	9' 7"
100-102008	9'	19'	6' 6"	10'	20'	8'
100-102010	9'	19'	8'	10'	20'	9' 7"
100-102012	9'	19'	10'	10'	20'	11' 7"
Series 500-484878	4'	4'	6' 6"	5'	5'	7'



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