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

ContactUs@select-fabricators.com
www.select-fabricators.com
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


IO 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 stringed 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)

<table>
<thead>
<tr>
<th>Enclosure Size</th>
<th>Frame Size</th>
</tr>
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<tbody>
<tr>
<td>Part Number</td>
<td>Length (feet)</td>
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<tr>
<td>Series 100-080808</td>
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<tr>
<td>100-080810</td>
<td>7’</td>
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<td>100-101008</td>
<td>9’</td>
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<tr>
<td>Series 500-484878</td>
<td>4’</td>
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