



EMI/RFI Shielded Portable Enclosures

Select Fabricators, Inc. Patent Pending Products for this millennium

Patent Pending EMI (electromagnetic interference) **Portable Shielded Enclosures** from Select Fabricators, Inc. (SFi) are constructed with the latest materials and processes for

- Pre-compliance high-frequency testing
- Securing electronic communications
- Short-term EMI shielding

The tents are simple to set up using either a pop-up aluminum or extruded aluminum frame. SFi's EMI shielded enclosures, pouches, curtains and rooms use EMI/RFI Faraday cage shielding principles which absorb and reflect frequency waves entering or leaving the structure. The shielding effectiveness (SE) of an SFi EMI shielded tent is illustrated on the chart to the right.

SFi's EMI shielded enclosures are constructed with durable, lightweight Silver/Copper/Nickel fabric. This flexible material offers an average of 86 decibels of shielding effectiveness in the range of 20 MHz to 1 GHz, eliminates stress cracking concerns, and is coated to provide protection against galvanic corrosion. This fabric is RoHS compliant.

Standard Features:

Enclosure, frame, floor, 1 door, 1 cable sleeve and a tent storage bag.

Custom door sizes and locations easily available.

Standard Tent sizes from 7' x 7' x 6.5' to 9' x 19' x 10'

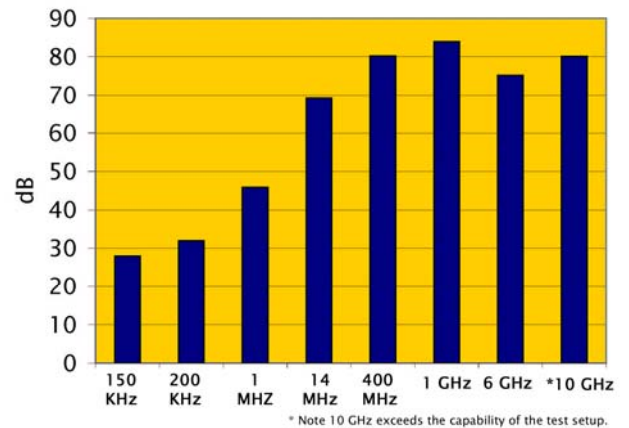
SFi also makes custom size tents from tabletop applications to very large scale units. Contact us with your specifications.

Options:

- Cleanroom Cleaning – on-site ISO Class 6 (class 1000 cleanroom) and isolated area which is ISO Class 5 (Class 100 cleanroom)
- ESD white interior liner
- Frame Deluxe Roller Bag for Aluminum Pop-Up Frame
- Hard Plastic Cases for storage & transportation
- Interior Lights—LED interior perimeter lighting system or EMI hardened stringed lights
- RF/Shielded Filter Box with Cable Sleeve - with or without Ethernet connector
- Ventilation—Intake & exhaust EMI shielding honeycomb panels that provide air circulation.
- Compatible A/C units can be added.
- On-Site Assembly of custom enclosures.
- Testing of Completed Enclosure—IEEE Std 299™ - 2006 Standard Frequencies tested: 150 KHZ, 200 KHZ, 1 MHz, 14 MHz, 400 MHz, 1 GHz, 6 GHz, *10 GHz



Average Shielding Effectiveness



Select Fabricators, Inc.
+ 1.888.599.6113

©2009-10 Select Fabricators, Inc. Sfiemise.11.05.09

Fax: 1.585.393.1378
eMail: contactus@select-fabricators.com
www.select-fabricators.com



EMI/RFI Shielded Portable Enclosures

Select Fabricators, Inc.

Patent Pending

Products for this millennium

Specifications:

All tents are made in the USA of US materials.

Standard sizes and configurations from tabletop to 20' x 20' x 15'. Custom sizes designed to your requirements.

Select Fabricators' standard EMI shielded tents are constructed with a single or double layer of conductive fabric and include a floor, a standard 40" x 54.5" door on the 7' / 9' side, a cable sleeve and a tent storage bag.

Material: Coated silver/copper/ nickel nylon base material

External Frame Options:

Series 100: Easy- Assemble Aluminum External Frame
with **Adjustable Height:** see chart below for sizes.

Series 300: Custom Rectangular External Aluminum Frame:
frame sizes up to 100' x 100' x 60'

Series 500: Round Extruded Aluminum External Frame:
frame sizes up to 100' x 100' x 60'

Series 100

Number	Frame Size			Tent Size		
	Length feet	Width feet	Height feet	Length feet	Width feet	Height feet
100-080807	8	8	7	7	7	5' 5" to 5' 6"
100-080808	8	8	8	7	7	6' 5" to 6' 6"
100-080810	8	8	9' 7"	7	7	8'
100-101007	10	10	7	9	9	5' 5" to 5' 6"
100-101008	10	10	8	9	9	6' 5" to 6' 6"
100-101010	10	10	9' 7"	9	9	8'
100-101012	10	10	11' 7"	9	9	10'
100-101507	10	15	7	9	14	5' 5" to 5' 6"
100-101508	10	15	8	9	14	6' 5" to 6' 6"
100-101510	10	15	9' 7"	9	14	8'
100-101512	10	15	11' 7"	9	14	10'
100-102007	10	20	7	9	19	5' 5" to 5' 6"
100-102008	10	20	8	9	19	6' 5" to 6' 6"
100-102010	10	20	9' 7"	9	19	8'
100-102012	10	20	11' 7"	9	19	10'

Tent Construction:

- Single layer of conductive fabric
- Double layer of conductive fabric

Series 100



Series 300



Series 500



Select Fabricators, Inc.
+ 1.888.599.6113

©2009-10 Select Fabricators, Inc. Sfiemise.11.05.09

Fax: 1.585.393.1378
eMail: contactus@select-fabricators.com
www.select-fabricators.com