

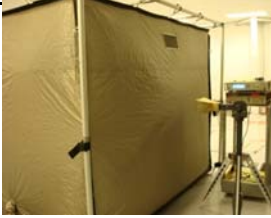






EMI/RFI Shielded Portable Enclosures




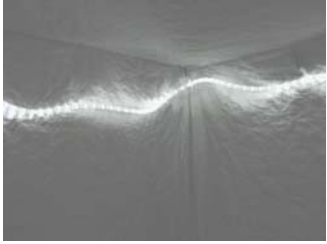

Patent Pending

SFi Part Number	Item	Description
Enclosure Construction Options		
RMEC0021		5' x 5' I.D. (76" x 69.5" O.D.) Door Upgrade from Standard 40" x 54.5" I.D. (58" x 64.5" O.D.) Door
RMEC0022		ESD Liner— White Electrostatic Dissipative liner on four walls and ceiling.
Services		
RMEC0009		Cleanroom Services - Onsite ISO Class 6 (class 1000 cleanroom) and isolated area which is ISO Class 5 (Class 100 cleanroom)
RMEC0006		Testing of Completed Enclosure to IEEE Std 299™ -2006 Standard Frequencies tested: 150 KHZ, 14, 26, 300 MHZ, .4, .8, 1, 3, 6, 10 12,14,16,18 GHz
Transportation and Storage		
RMEC0010		Canvas Carry Bag for tents 33" x 18" x 12.5"
RMEC0004		Canvas Carry Bag for tents 40" x 20" x 20"
RMMC0047		Series 100 Frame Deluxe Roller Bag - Up to 8'
RMMC0095		Series 100 Frame Deluxe Roller Bag - Up to 10'
RMMC0096		Series 100 Frame Deluxe Roller Bag - Up to 15'
RMMC0097		Series 100 Frame Deluxe Roller Bag- Up to 20'










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3SKB-292-1MR		Hard Case for tent or frame 29" x 21.5" x 17"
1780T		Hard Case for tent or frame 42" x 22" x 15.1"
Lighting		
RMEC0016		EMI Hardened String Lights Lights will operate on 100-240 Volts at 50 to 60 Hz.
RMEC0023		Interior perimeter lighting system consisting of a two wire LED rope with a standard live feed (plug). Operates on 120 VAC, 60Hz. for a 7' x 7' tent
RMEC0024		Interior perimeter lighting system for a 9' x 9' tent
RMEC0025		Interior perimeter lighting system for a 9' x 14' tent
RMEC0026		Interior perimeter lighting system for a 9' x 19' tent
Cable Sleeves		
RMEC0001		Cable Sleeve 4" x 3'
RMEC0008		Cable Sleeve 5" x 3'
RMEC0011		Cable Sleeve 6" x 4'








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Filtering		
All power and metallic data cables entering a tent must be properly filtered to eliminate unwanted noise from conducted EMI. Portable filter unit can be customized to I/O lines filter needs with a ground.		
STE 2200M		Filter Box without Ethernet 0–250 VAC, 15 amp enclosure with 5–outlet power cord 120 VAC, 15 Amp– for power inside tent. (connects to tent cable I/O sleeve)
STE 2200ME		Filter Box with Ethernet Same as above Plus Ethernet: (2) 100 PF DB9 RF Filtered connectors to filter (2) RJ45/DB9 Adapter Kits
Custom Filter Box		Filter Box with custom options Multiple filter & connector options: SMA, BNC, Fiber Optics, etc.
RMEC0073		Filter Plate without Ethernet 0–250 VAC, 15 amp wall–mounted removable plate with 5–outlet power cord 120 VAC, 15 Amp– for power inside tent.
RMEC0074		Filter Plate with Ethernet Same as above Plus Ethernet: (2) 100 PF DB9 RF Filtered connectors to filter (2) RJ45/DB9 Adapter Kits
RMEC0072		Blank Wall–Mounted Removable Plate
Custom Filter Plate		Filter Plate with custom options Multiple filter & connector options: SMA, BNC, Fiber Optics, etc.
Ventilation		
SFi strongly advises the use of a complete ventilation system or A/C unit with any tent that will contain people. All openings on the EMI Shielding Tent must be completely sealed during operation for proper use including both layers of the tent door. Without ventilation (vents, fan and sleeve), the inside air temperature may rise due to the heat generated from equipment and/or people inside the tent. Also, due to a lack of air circulation, the interior air quality may be affected.		
RMEC0028		Complete Vent System including installation: Intake/Exhaust Honeycomb vents, 11.9" x 6.2" two layer honeycomb with 90° orientation, protective grill, sleeve and fan.





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Ventilation		
Intake and exhaust EMI shielding honeycomb panels provide air circulation. Sleeves are installed for attachment of air conditioning units and fan to direct air into the tent.		
RMEC0029		<p>Ventilation System for Tabletop sized Tents -</p> <p>Honeycomb vents, Square AC Axial Fan: Air Flow 30 CFM, Voltage Rating 115 Volts, Current Rating 0.13 Amp, Power Rating 12 Watts and Fan Stand</p>
Air Conditioning		
RMEC0030		<p>Air Conditioning</p> <p>2500 btu/125v HVAC unit ready for hookup with hoses, two honeycomb vents, and drip pan. Note: Includes ventilation system RMEC0028 (above). This unit combines the all season functionality of a heater, and air conditioner</p>
RMEC0031		<p>Air Conditioning for Large Tents</p> <p>A base 6,300 btu air conditioner chassis with a louvered cabinet and vibration pads on the bottom for noise attenuation. The unit comes with a face plate that has collared connection for the supply and return ductwork that serve the tent. Requires 120V circuit and draws approx. 5 amps. Provided are 2 duct connections to transition from the face plate on the A/C unit to the openings of the RF vents. Hose connection and tubing coil to be installed onsite with provided hose clamp to an onsite drain. 2 honeycomb vents for A/C unit. Includes ventilation system RMEC0028</p>

