

RF/EMI PORTABLE ENCLOSURE OPTIONS

ENCLOSURE CONSTRUCTION OPTIONS

5' X 5' Door



ESD Liner



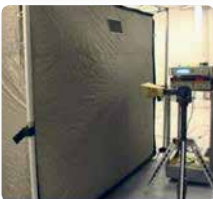
Part Number	Description
RMEC0021	5' x 5' I.D. (76" x 69.5" O.D.) Upgrade from Standard Door: 40" x 54.5" I.D. (58" x 64.5" O.D.)
RMEC0022	ESD Liner – White Electrostatic Dissipative liner on four walls and ceiling.

SERVICES

Cleanroom Services



Testing of Enclosure



Part Number	Description
RMEC0009	<u>Cleanroom Services</u> – Onsite ISO Class 7 (class 10000 cleanroom) and isolated area which is ISO Class 5 (Class 100 cleanroom)
RMEC0006	<u>Testing</u> 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

Canvas Carry Bag



Deluxe Roller Bag



Part Number	Description
RMEC0010	Canvas Carry Bag for enclosures 33" x 18" x 12.5"
RMEC0004	Canvas Carry Bag for enclosures 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'



The above options are designed for Select-A-Shield™ RF/EMI Shielded Enclosures.



RF/EMI PORTABLE ENCLOSURE OPTIONS

TRANSPORTATION AND STORAGE

Hard Case



Hard Case



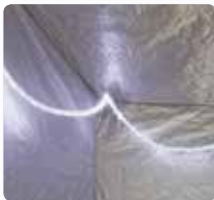
Part Number	Description
3SKB-292-1MR	Hard Case for enclosure or frame: 29" x 21.5" x 17"
1780T	Hard Case for tent or frame: 42" x 22" x 15.1"

LIGHTING

EMI
Hardened
String Lights



Interior
perimeter
lighting
system



System consists of a two wire LED rope with a standard live feed (plug). Operates on 120 VAC, 60Hz.

Part Number	Description
RMEC0016	EMI Hardened String Lights - Lights will operate on 100-240 Volts at 50 to 60 Hz.
RMEC0023	Interior perimeter lighting system for a 7' x 7' enclosure
RMEC0024	Interior perimeter lighting system for a 9' x 9' enclosure
RMEC0025	Interior perimeter lighting system for a 9' x 14' enclosure
RMEC0026	Interior perimeter lighting system for a 9' x 19' enclosure

CABLE SLEEVES

Cable
Sleeves



Part Number	Description
RMEC0001	Cable Sleeve 4" x 3'
RMEC0008	Cable Sleeve 5" x 3'
RMEC0011	Cable Sleeve 6" x 4'

RF/EMI PORTABLE ENCLOSURE OPTIONS

FILTER OPTIONS

All power and metallic data cables entering an enclosure must be properly filtered to eliminate unwanted noise from conducted EMI. Choose from an integrated I/O filter plate or filter box. 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.

Filter Box without Ethernet



Filter Box with Ethernet



Custom Filter Box



Filter Plate without Ethernet



Filter Plate with Ethernet



Blank Removable Plate



Part Number	Description
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 STE 2200M 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.

RF/EMI PORTABLE ENCLOSURE OPTIONS

VENTILATION

Vent Sleeve and Fan



SELECT strongly advises the use of a complete ventilation system or A/C unit with any enclosure that will contain people. All openings on the RF/EMI Shielding Enclosure must be completely sealed during operation for proper use including both layers of the door. Without ventilation (vents, fan and sleeve), the inside air temperature may rise due to the heat generated from the equipment and/or people inside. Also, without proper ventilation, the interior air quality may be affected due to a lack of air circulation,

Exhaust Vent



Ventilation System for Tabletop Enclosures



Part Number	Description
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.
RMEC0029	Ventilation System for Tabletop Enclosure – 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

AIR CONDITIONING

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.

Air Conditioning



Part Number	Description
RMEC0030	Air Conditioning: 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

Air Conditioning for Large Enclosures



RMEC0031	Air Conditioning for Large Tents: 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
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Contact Select Fabricators Inc. for pricing on these options and any of our other USA made products and services including:

- Contract packaging & assembly
- Design & manufacture of RF/EMI shielding and mobile forensic products
- Medical device assembly, packaging, testing & sterilization sourcing
- Custom fabrication
- Military packaging
- Cleanroom assembly & services
- Industrial sewing
- Pad printing
- Ultrasonic Welding



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