RF Shielded Tent

(3) 11x12 or larger high-performance RF isolation enclosures engineered for EMSEC, secure testing, and laboratory-grade shielding.

Electromagnetic Shielding & Compliance:

1. **Material Construction** Three-layer CYBER Fabric (copper + silver).

2. **Shielding Standards** Certified to MIL-STD-188-125 and IEEE 299-2006.

3. **Frequency Attenuation** Effective from low MHz to 40 GHz.

4. **Signal Types Blocked** WiFi (2.4/5 GHz), Bluetooth, Cellular/5G, GPS, RFID, NFC, general RF.

5. **Compliance** TAA Compliant; Made in the USA.

6. **Power & Signal I/O Interface** Integrated filtering and power distribution designed to prevent conducted emissions and maintain RF isolation.

Components:

1. **I/O Plate**: Wall-mounted high-performance interface plate.

2. **Facility Power Filter:** 250 VAC / 500 VDC / 30A filter; −100 dB attenuation (100 kHz–40 GHz).

3. **Internal Power Strip:** 120 VAC / 15A, five-outlet USA power strip (max 15A).

4. **Power Input Cable:** Standard 5-15P, 120 V / 15A line cord.

5. **TRIPP Lite SMART TOWER**

6. **Cable Sleeve 4" x 3'.**

7. **D-F1000-LAN (LAN 10G Filter)**

8. **FD-F2000-HDMI (HDMI Filter)**

9. **FD-F3000-USBA (USB-A Filter)**

10. **FD-F3100-USBC (USB-C Filter)**

11. **LED Light Kit**

Structural & Physical Design: Durable, field-ready construction optimized for rapid deployment and reliable RF sealing.

1. **RF Door System:** Patented 32" × 70" magnetic door with magnetic frame for continuous RF seal. Lightweight PVC frame for fast, tool-less assembly.
2. **Support Frame:** Lightweight PVC frame for fast, tool-less assembly
3. **Seam Construction:** Stitched seams reduce tear propagation vs. non-stitched enclosures.
4. **Tensioning System:** Adjustable Velcro straps for precise tension and alignment.
5. **Floor Material:** Heavy-duty vinyl floor.
6. **Dimensions and footprint:** Internal Tent Space 11' × 12' × 6.5' minimum / External Frame Size 12' × 13' × 7' or larger