

TENT Series | RF/EMI Shielding Enclosure



Faraday Tents provide a secure, shielded environment that blocks external RF/EMI interference and protects sensitive devices. Available in multiple sizes, these enclosures deliver average attenuation of ~85 dB from 30 MHz to 1 GHz and ~90 dB from 1 GHz to 11 GHz. Custom sizes are also available upon request, offering flexible solutions for diverse applications.

All tents are made in the USA.



Applications

- EMI testing
- Aerospace applications
- Military applications
- Forensics applications
- Medical device testing
- Telecommunication testing
- Satellite testing
- IOT testing

Material

- Silver/Copper/Nickel-plated polyester lining
- Durable 100% nylon outer layer

Optional Accessories

- Two shielded honeycomb vents
- Lower intake with fan and sleeve
- Upper exhaust
- Power strip
- Extra connectors
- Tensioning accessories
- Protective bags
- Rip repair kit
- Custom I/O plate filters

SKU	NAME	WIDTH	HEIGHT	DEPTH
14046	Small LX Faraday Tent	4'	6.5'	4'
14047	Medium LX Faraday Tent	6'	6.5'	6'
14048	Large LX Faraday Tent	7'	6.5'	7'
14049	X-Large LX Faraday Tent	9'	6.5'	9'
	Custom LX Faraday Tent	Call 1-800-522-4464 to request quote.		



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Frame Styles

Series 100 Frames

Pop-up style steel frame from 8' x 8' to 10' x 20' with adjustable height.

Series 300 Frames

Heavy-duty, rectangular aluminum frame with a wide range of structural profiles. Frames are configured to meet enclosure size and weight.

Series 500 Frames

Heavy-duty, round, extruded aluminum frame. Easy socket connection method of the internal tension system minimizes assembly time.

Specifications

- Standard size patented double magnet door size: 32" x 70"
- Heavy-duty tarp flooring to protect the conductive floor
- Protective tent carry/storage bag
- Frame style of your choice
- Shielding Effectiveness Certificate
- Complete assembly instructions
- One-year limited warranty

Construction

- Flame retardant/resistant liner
- ESD liner to provide static control
- Sound reduction/absorbing lining and sound masking systems
- Exterior covers for outdoor deployment
- Vestibule entrance
- Zero-threshold door
- Custom size door
- Shielded windows
- Detachable floor

Transport

- Pelican storage cases
- Shipping cases
- Airline compatible travel cases
- Frame cases

Options

- RF and microwave absorbing foam
- I/O filter plates
- EMI hardened lights
- In-house or independent IEEE299 (1-18 GHz) testing of completed enclosure
- Custom engineering and design of enclosure

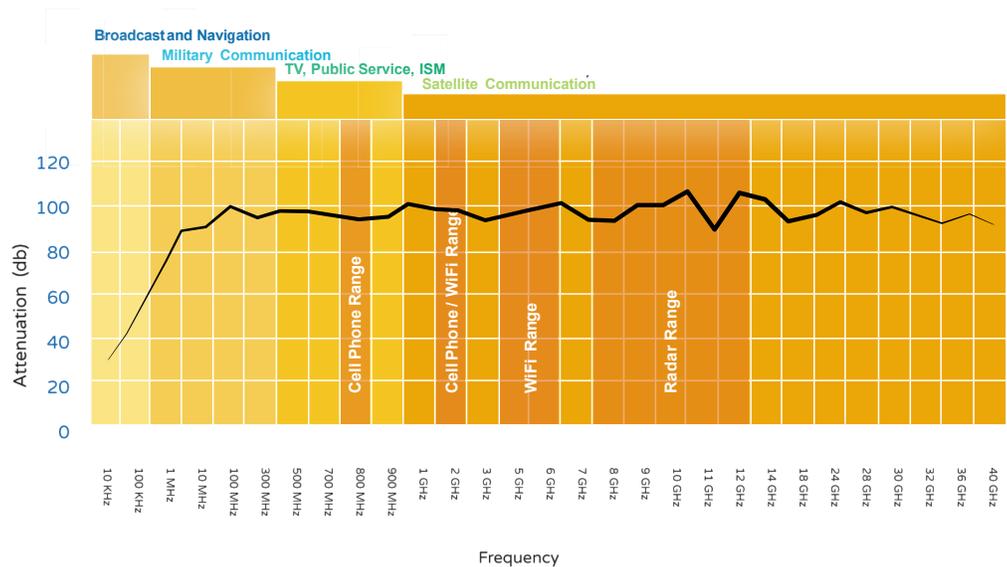
Features

Patented Door Closure System

Using two strips of heavy-duty flexible magnet to create a tight conductive seal, allows attenuation levels to exceed -90 dB. Single or double door option.

IO Filter Plates and Panels

Integrated IO filter plates with standard or high-performance power filters. Can include filtration for Ethernet, USB, SMA, BNC, N-type, Fiber Optics, and more.



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