



**Rack Cover -
Portable RF
Shielded
Enclosure**

The V Technical Textiles, Inc. (VTT) brand of Rack Cover Portable RF Shielded Enclosure is a self contained portable enclosure designed for covering equipment racks. These enclosures are constructed using high quality Shieldex® shielded material provided by Statex Productions + Vertriebs GmbH in Bremen, Germany. The enclosure is available in multiple sizes, layers, and configurations.



ISOLATED RF TESTING FOR MULTIPLE APPLICATIONS

- 802.11
- WLAN Testing
- CDMA
- MIMO
- Wi-Fi
- GPS
- Cellular
- Bluetooth
- RF Wireless
- Other

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APPLICATIONS

The V Technical Textiles, Inc. (VTT) brand of Rack Cover Portable Shielded Enclosure is designed to provide RF isolation to the interior of equipment racks.

Applications:

- Design Verification
- Performance Testing
- Pre-Certification Testing
- Production Line Measurements
- Quality Assurance Testing
- any application requiring an Ambient Free Environment

The size, weight, and ease of assembly make the VTT Rack Cover very portable. These enclosures can be configured to suit your specific wireless testing applications in a wide range of available configurations:

- 802.11
- GPS
- WLAN Testing
- Cellular
- CDMA
- Bluetooth
- MIMO
- RF wireless
- Wi-Fi
- Other



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Technical Textiles Inc.

Rack Cover



SPECIFICATIONS

V Technical Textiles, Inc. (VTT) Rack Cover Portable Shielded Enclosures offer a variety of shielding performance levels depending on the series of enclosure:

- **8000 Series**: Two layer construction offering an average of 85 dB of shielding performance from 30 MHz - 18 GHz.
- **7000 Series**: Two layer construction offering an average of 65 dB of shielding performance from 30 MHz - 18 GHz.
- **6000 Series**: Single layer construction offering an average of 50 dB of shielding performance from 30 MHz - 18GHz

Standard wireless applications typically employ our 8000 Series design.



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OPTIONS

- Single, Double, or Triple Layer Construction
- Permanent Bulkhead
- Removable Bulkhead
- Filtered Feed through Connections for Communications; (Bulkhead Panel)
- SMA
- USB
- RS232
- D-Sub
- Fiber Optic
- Custom I/O configurations
- Filtered Power Inputs
- Power Filter Box with cable sleeve assembly
- Frequency Specific Notch Filters
- Band Pass Filters
- BNC or SMA Mounted Feed through Wireless Antennas
- Honeycomb Ventilation
- Forced Air Fan Assembly
- Custom Configurations are available upon request.



V Technical Textiles, Inc. (VTT) team of application experts are standing by to work with you in determining your application specific requirements and configurations.

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