

Concentric Technology Solutions Inc

STE2200M

RF SHIELDED TEST ENCLOSURE | DATA SHEET

Compact top-loading RF shielded test enclosure for customizable wireless testing. The STE2200M provides a controlled RF environment for Wi-Fi, Bluetooth, RFID, cellular, laboratory, and production test applications.

The enclosure is supplied as a blank platform with no standard interfaces, power, ventilation, or I/O plates. Users can configure it around their specific RF testing requirements, including an optional 60 mm passive ventilation system and optional fan cooling.

Key Benefits

- >95 dB RF isolation at 2.4 GHz and >90 dB at 5.8 GHz
- Compact top-loading benchtop design
- Exclusive double-lip RF-tight gasket
- 3/4-inch insertion-loss RF absorbent foam liner
- Blank enclosure ready for application-specific customization
- Optional 60 mm passive ventilation with optional 12 VDC, 115 VAC, or 230 VAC fans

Current Specifications

Specification	STE2200M
Category	Bench Top
Loading style	Top
External dimensions	7.3" W x 11.2" D x 5.3" H
Internal dimensions	5.5" W x 8.0" D x 2.8" H
Isolation at 2.4 GHz	>95 dB
Isolation at 5.8 GHz	>90 dB
RF absorbent foam	3/4" insertion loss
I/O plates included	0
Included power	None
Included ventilation	None

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

Concentric Technology Solutions, Inc.

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STE2200M - Features & Configuration

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Standard Features

RF isolation: Greater than 95 dB at 2.4 GHz and greater than 90 dB at 5.8 GHz.

Top-loading access: A swing-away top door provides convenient access to the device under test.

RF sealing: An exclusive double-lip RF-tight gasket helps maintain enclosure isolation.

RF absorbent interior: A 3/4-inch insertion-loss RF absorbent foam liner comes standard.

Customization: The blank enclosure can be configured with application-specific interfaces, power, and ventilation.

Configuration

The STE2200M includes no standard I/O connectors or I/O plates. Available interface options include coaxial, USB, Ethernet, video, serial, audio, fiber, AC, DC, and other custom connections.

An optional 60 mm passive ventilation system can be added. Optional 12 VDC, 115 VAC, or 230 VAC fans are also available. Power-strip options are limited by the compact enclosure size.

Typical Applications

- Wi-Fi 4, Wi-Fi 5, Wi-Fi 6 and Wi-Fi 6E testing
- Wireless device development and validation
- Bluetooth and RFID testing
- 3G, 4G and 5G device testing
- RF troubleshooting and engineering testing
- Compact laboratory and production test setups

Shipping & Warranty

- Shipping dimensions: 14" W x 10" D x 8" H
- Approximate shipping weight: 6 lb
- Warranty: 1 year

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