



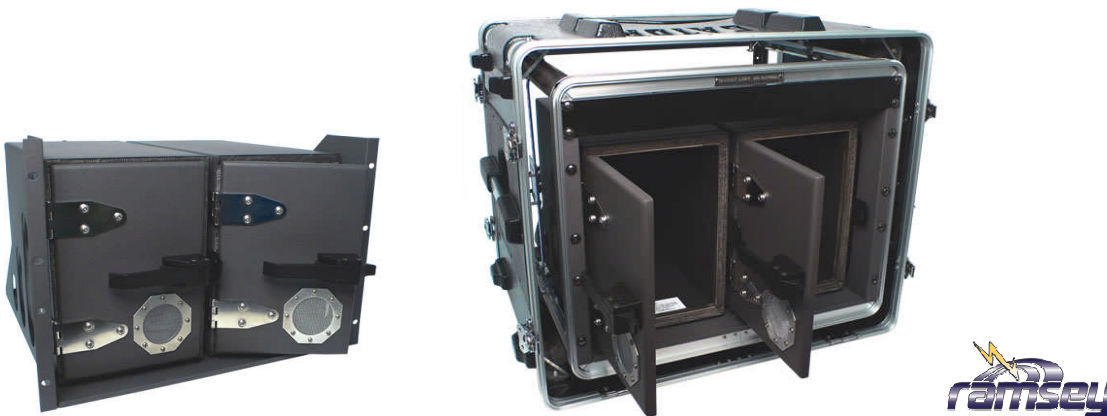
Concentric Technology Solutions Inc

Testing Solutions for the Wireless Industry

STE2902 Shielded Test Enclosure Data Sheet

STE2902 - Shielded Test Enclosure

If you are looking for the ultimate test enclosure system for your dense pack test environment, the STE2902 is your answer. Designed for space saving 19" rack mounting, the STE2902 contains TWO STE2900 WLAN test enclosures in one single seven rack unit (12" high) package. The integrated custom rack shelf provides mounting and support for use in your standard 19" racks. Front loading doors swing away to the left for easy installation and access to your DUT. Also available, the STE2902C shown below left in a shock mounted road case for easy travel and setup.



RF Shield Box STE2902 Key Benefits

- Wireless device testing
- Perfect for 802.11a, b, g
- Bluetooth, RFID, 3G testing
- Wide variety of I/O options
- Super isolation up to 18GHz
- Stock models to fit your custom applications

RF Shield Box STE2902 Specifications

- Dual rack mount configuration
- Designed for WLAN testing
- Front loading swing away doors
- Dual ventilation or fan forced cooling
- Exclusive double lip RF tight gaskets
- Universal I/O connector interface plates

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

Concentric Technology Solutions, Inc.

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- RF absorbent foam liner
- Optional security locking latches available
- Isolation:
 - -90dB @ 1GHz
 - -90dB @ 3GHz
 - -80dB @ 6GHz
- Dimension:
 - Outside: 12.2"H x 19"W x 17.4"D
 - Inside: 10"H x 7"W x 13"D

Custom Configuration Options

| | |
|---|---|
| RF FEEDTHROUGH: | BNC, TNC, SMA, SMB, UHF, Type-N |
| FIBER OPTIC: | Fiber optic bulkhead feedthrough, ST, FC |
| DUST COVERS: | Dust cover caps with security chains available for all RF feedthrough connectors |
| RF FILTERED DATA: | DB9 (10pF), DB9 (100pF), DB9 (1000pF), DB15 (100pF), DB15 (1000pF), DB25 (310pF), DB25 (1000pF), DB37 (310pF), DB37 (1000pF), RJ45/DB9 Filtered, RJ11/DB9 Filtered, USB1/DB9 Filtered |
| POWER CONNECTIONS: | 4-Pole filtered barrier strip feed through, 6-Pole filtered barrier strip feed through, internal surge protected power strips (110VAC, 220VAC International) |
| VENTILATION OPTIONS: | Dual side mounted RF filtered vents with single filtered exhaust muffin fan, passive vent only |
| RF ABSORBENT FOAM: | Standard 1/2" thick RF absorbent foam liner provides 24dB attenuation. 3/4" thick foam is standard on the STE3800 and available as an option to provide a flatter response |
| FIBER TRANSCEIVER: | Icron Technologies USB 2.0 Fiber Transceiver System available for devices up to 480 MB/s |
| <p><i>Note: RF Isolation specs are measured at 1M with terminated RF feedthrough coaxial connectors installed. Actual isolation & attenuation can be affected by adding additional filtered and non-filtered connectors. Check with us for specific connector specifications.</i></p> <p><i>STE series I/O interfaces, connectors, and options are frequently updated. Check with us for updates.</i></p> | |

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