



STE3300 – RF Shielded Test Enclosure

Designed from the ground up for wireless LAN, Bluetooth, and other microwave frequency applications where hands-on access and viewing is not required. The STE3300 is constructed of rugged .090 and .125 aluminum, dual heavy-duty latches, and two rows of double woven Monel flexible RF gaskets to provide super isolation throughout the frequency range. The interior is lined with 024dB RF absorbent foam for additional isolation. Inside working space is large enough to test your devices as a complete system. Simply choose your I/Os and options from the list provided below and your enclosure will be configured to your specification.



RF Shield Box STE3300 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 STE3300 Specifications

- RF absorbent foam liner
- Exclusive double lip RF tight gasket
- Universal I/O connector interface plate
- Easy release latch system
- Steady hold hinge system
- Designed to test complete systems
- Isolation:

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

Concentric Technology Solutions, Inc.
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Concentric Technology Solutions Inc

Testing Solutions for the Wireless Industry

STE3300 RF Shielded Test Enclosure Data Sheet

- -90dB @ 2GHz
- -90dB @ 3GHz
- -80dB @ 6GHz
- Dimension:
 - Outside: 9.75"H x 18"W x 12"D
 - Inside: 8"H x 17"W x 11"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

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.

STE series I/O interfaces, connectors, and options are frequently updated. Check with us for updates.

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