



STE2902C - Shielded Test Enclosure

A large number of manufacturers requested a dual rack mount test system in a stand-alone package. This was for bench-top and field use, where existing 19" rack cabinets were not available. We took our highly popular STE2902 dual WLAN test enclosure and installed it in a high impact shock road case. This provided not only a self contained test system, but a convenient method to ship the STE2900 system. Special rear mount supports are included to withstand shipping and road abuse. As a plus, the shock cases are "keyed" on the top and bottom to provide locked stacking of multiple units - All this in a case that measures 19.2" high.



RF Shield Box STE2902C 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 STE2902C Specifications

- Dual rack mount shock case 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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Concentric Technology Solutions Inc

Testing Solutions for the Wireless Industry

STE2902C Shielded Test Enclosure Data Sheet

- RF absorbent foam liner
- Optional security locking latches available
- Isolation:
 - -90dB @ 1GHz
 - -90dB @ 3GHz
 - -80dB @ 6GHz
- Dimension:
 - Outside: 19.25"H x 25"W x 22.5"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

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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