

TEST ENCLOSURES 5600 Series Test Box

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Key Features

- Frequency Range: 300 MHz to 13 GHz
- 90 dB+ of Isolation Shielding Effectiveness Over Frequency Spectrum
- Planewave at 300 MHz to 2 GHz: 90 dB
- Planewave at 2 GHz to 3 GHz: 90 dB
- Planewave at 3 GHz to 6 GHz: 80 dB
- Planewave at 6 GHz to 13 GHz: 70 dB
- Quick Availability
- Lightweight Tabletop or 19" Rack Mount Available
- Dual Layer Sealed Door with High Performance Braid Over Foam RF Seal with Dual Paddle Latches
- Interchangeable I/O Connector Panels

Features

I/O Connector Panels

Multiple preconfigured I/O panel options are available. As these panels are conveniently interchangeable in the field, users can update their existing 5600 test box to meet new testing requirements. Ethernet (POE) and USB 2.0 filter offerings are designed to maintain signal integrity and minimize electromagnetic interference from entering in or leaking out from the enclosure. DC power option is available using DB9 (5A max) or with terminal style (20A max) filtered connectors.

Microwave Absorber

ETS-Lindgren lossy foam moderate performance RF absorber (constructed of a graded dielectric material) provides absorption at microwave frequencies, thus eliminating unwanted reflection within the RF enclosure.

Dual Layer Sealed Door

5600 series test boxes have a precision installed "braid over foam" RF seal on the enclosure's integrated lip channel. This works to resist compression sets to more than 50,000 cycles and extends the lifespan of the RF seal performance.

Durable Construction

Consistent to all ETS-Lindgren product lines, the 5600 series offers lightweight and robust construction, versatile for any wireless testing need.

- Dual layer reinforced door cover and durable hinges with stoppers that prevent bending and warping of the top side geometry (most susceptible area of an RF enclosure)
- High quality nickel fabric over urethane foam core dual gasket door seals
- All metal is conversion coated to maintain conductivity prior to powder coating to minimize oxidation.

