

LBX-8000

RF SHIELDED TEST ENCLOSURE

DATASHEET

LBX-8000 is large RF Shielded Enclosure with double swing doors Spacious to house multiple devices like laptops and Desktop computers with optional compartments for easy placement of Device under test designed to meet a wide range of testing requirements

Superior shielding effectiveness against RF interferences featuring with Filtered AC & DC power lines, Filtered Data lines & RF connectors.

I/O Options, dimensions, performance, etc. can be customized to meet your needs.



SPECIFICATIONS:

SHIELDING EFFECTIVENESS (ISOLATION)

- > **90dB** @ 1 GHz
- > **90dB** @ 3 GHz
- > **85dB** @ 6 GHz

DIMENSION

- **Exterior** : 30"H x 59"W x 37"D
- **Interior** : 28"H x 57"W x 35"D

HIGHLIGHTS:

- High performance shielded Air Vents for adequate air flow
- Higher RF Isolation
- Completely Customizable Shielded Enclosure
- High Performance RF Absorber lining
- User Defined & Interchangeable I/O Connector options
- Rugged Welded Construction
- EMI filters on Data Ports
- RF Gasket System
- Optional pneumatic Door operation system
- Bench top or Trolley provision

TECHNOLOGIES SUPPORT:

- Supports Current and future wireless communication technologies such as LTE, 5G
- Wi-Fi 802.11 - all series
- Wi-Max, GNSS, Bluetooth
- EMI, RFI test
- Device Testing, over the air measurements, Pre-compliance
- R&D, Product verification, Performance reliability, Quality assurance tests

USER-DEFINED I/O OPTIONS:



- Filtered Ethernet - 10M, 100M, 1G
- Filtered USB 2.0 & 3.0
- Powered by AC / DC Power filter
- Signal transmission RF connectors
- RF Ports: SMA, N Type, BNC, TNC
- Fiber optics: ST & Waveguide
- Data: DB9, DB15, DB25, DB50, RJ11
- Filtered HDMI, VGA & Audio Ports
- Air ventilation with AC or DC fan
- High performance shielded Air Vents