

LBX-5000

RF SHIELDED TEST ENCLOSURE

DATASHEET

LBX-5000 is sizable RF Shielded Test Enclosure Spacious to house multiple devices like laptops and small 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.

Especially it comes with high performance RF absorber lining which helps reduce internal reflections.

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



LABIFIX
DESIGN - DEVELOP - MEASURE
LabiFix Innovations Pvt. Ltd

SPECIFICATIONS:

SHIELDING EFFECTIVENESS (ISOLATION)

- > **100dB** @ 1 GHz
- > **100dB** @ 3 GHz
- > **95dB** @ 6 GHz

DIMENSION

- **Exterior** : 25"H x 19"W x 25"D
- **Interior** : 23"H x 17"W x 23"D

HIGHLIGHTS:

- 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
- Lightweight Rack Mountable or Tabletop Options
- High performance shielded Air Vents for adequate air flow

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