

## LBX-1000

### RF SHIELDED TEST ENCLOSURE

## DATASHEET

**LBX-1000** is smaller version of RF Shielded Box which is equipped with features to support wide range of testing requirements.

Conveniently used for smaller DUTS these shielded Boxes are effectively shield against RF interferences, featuring with Filtered AC & DC power lines, Filtered Data lines, RF connectors.

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

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



**LABIFIX**  
DESIGN - DEVELOP - MEASURE

**LabiFix Innovations Pvt. Ltd**

### SPECIFICATIONS:

#### SHIELDING EFFECTIVENESS (ISOLATION)

- > **95dB** @ 1 GHz
- > **90dB** @ 3 GHz
- > **85dB** @ 6 GHz

#### DIMENSION

- **Exterior** : 12"H x 17"W x 13"D
- **Interior** : 10"H x 15"W x 11"D

### HIGHLIGHTS:

- Excellent shielding performance
- 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 Fitted Gasket System
- Powered by AC / DC Power Filter lines
- 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 3G, 4G, 5G LTE
- Wi-Fi 802.11 - all series
- Wi-Max, GNSS, Bluetooth
- EMI, RFI test
- Devise Testing, over the air measurements, Pre-compliance
- R&D, Product verification, Performance reliability, Quality

### USER-DEFINED I/O OPTIONS:

- Filtered Ethernet - 10M, 100M, 1G
- Filtered USB 2.0 & 3.0
- 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

