

## LBX-4700

### RF SHIELDED TEST ENCLOSURE

## DATASHEET

**LBX-4700** is Standard RF Shielded Test Enclosure built specifically to house mid-size DUTS and EUTS, which is equipped with features to support wide range of testing requirements.

Suitable for 19" rack mountable and provides high shielding effectiveness 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)

- > **100dB @ 1 GHz**
- > **95dB @ 3 GHz**
- > **90dB @ 6 GHz**

#### DIMENSION

- **Exterior : 16"H x 24"W x 19"D**
- **Interior : 14"H x 22"W x 17"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 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, SMB, BNC, TNC, UHF,
- Fiber optics: ST and Waveguide
- Data: DB9, DB15, DB25, DB50, RJ11
- Filtered HDMI, VGA & Audio Ports
- Air ventilation with AC or DC fan
- High performance shielded Air Vents

