

LBX-4500

RF SHIELDED TEST ENCLOSURE

DATASHEET

LBX-4500 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)

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

DIMENSION

- **Exterior** : 26"H x 17"W x 22"D
- **Interior** : 24"H x 15"W x 20"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