

LBX-500

RF SHIELDED TEST ENCLOSURE

DATASHEET

LBX-500 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 shield 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)

- > **90dB @ 1 GHz**
- > **90dB @ 3 GHz**
- > **80dB @ 6 GHz**

DIMENSION

- **Exterior :** 6"H x 8"W x 11"D
- **Interior :** 4"H x 6"W x 9"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

