

RI 187 SHIELD BOX

4 U, 19" Rack
mountable



OVERVIEW

The RI 187 is an RF shield box for all types of applications where good shielding is needed. It is especially suited for rack mounted test systems where the device under test is frequently replaced. RI 187 fits into a 19" rack, occupying only 4 U. With a one hand operation, the user can pull it out from the 19" rack and open the lid.

APPLICATION

The RI 187 is designed for high shielding over all cellular mobile frequency bands making it suitable for applications such as:

- Cellular mobile phone test
- Basestation transceiver test
- Cellular network test
- Wireless semiconductor test
- WLAN/Bluetooth/Zigbee/WiMax device test

ELECTRICAL INTERFACES

All electrical interfaces are located on a replaceable interface plate at the rear of the RI 187. The interface plate can be equipped with the following:

- LAN (Ethernet) 1 Gbps Feedthru Filter
- LAN (Ethernet) 10 Gbps Feedthru Filter
- USB 2.0 480 Mbps Feedthru Filter
- USB 3.0 Feedthru Filter
- HDMI Feedthru Filter
- 110/230 VAC Feedthru Filter
- EMI Filtered DC Voltage Feedthru
- SMA(f)/SMA(f) Bulkhead Connector

Unused SMA/DC holes are covered by screws.

FEATURES

- 60 dB shielding attenuation at 3 GHz
- Various communication interfaces available
- 4 U, 19" rack mountable with eject function
- User can easily change interfaces at the rear
- One hand open-and-close using front handle
- The lid stays open in any position

SPECIFICATION

Attenuation at 3 GHz	>60dB
Inner dimensions	390x290x150 mm
Outer dimensions	490x490x177 mm
Weight (standard)	12 kg
Material	Stainless steel/Al

Standard configuration includes:

- 4 pcs USB 3.0 Feedthru Filter (B-A)
- 1 pc 110/230 VAC Feedthru Filter
- 8 pcs SMA(f)/SMA(f) Bulkhead Connector
- 120 VAC Outlet Power Strip (6 outlets) USA type inside the box
- RF absorption foam, inside the box



ORDERING

RI 187 Shield box