

# RI 181 SHIELD BOX

2 U, 19" rack  
mountable

### OVERVIEW

The RI 181 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 181 fits into a 19" rack, occupying only 2 U. With a one hand operation, the user can pull it out from the rack and open the lid.

### APPLICATION

The RI 181 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 an interface plate at the rear of the RI 181. The interface plate can be equipped with various communication interfaces and connectors. For further details please see the ordering column.



### FEATURES

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

### SPECIFICATION

Attenuation at 3 GHz	>60 dB
Inner dimensions	400x300x85 mm
Outer dimensions	490x490x88 mm
Weight (standard)	8,5 kg
Material	Stainless steel/Al

### ORDERING

RI 181	Shield Box
RI 4182	LAN 1 Gbps Feedthru Filter
RI 4184	Dual USB 2.0 Feedthru Filter
RI 4185	Single USB 2.0 Feedthru Filter
RI 4192	USB 3.0 B-A Feedthru Filter
RI 4193	HDMI Feedthru Filter
RI 4194	LAN 10 Gbps Feedthru Filter
RI 4199	USB 3.2 C 20 Gbps Feedthru Filter
RI 4201	USB 3.0 A-A Feedthru Filter <i>Up to 8 pcs per box as standard</i>
RI181-11	Internal shielding wall <i>Up to 1 pc per box as standard</i>
RI181-13	DC Feedthru EMI Filter <i>Up to 8 pairs per box as standard</i>
RI181-14	SMA(f)/(f) Bulkhead Connector <i>Up to 16 pcs per box as standard</i>
RI181-15	RF Absorption Foam inside box excl. lid
RI181-16	RF Absorption Foam inside box incl. lid