

RI 180 Shielding Case

19" rack mountable shielding case with good shielding performance covering all mobile frequency bands

Features:

- 60 dB shielding attenuation at 1 Ghz
- 45 dB shielding attenuation at 3 Ghz
- One hand open-and-close using front handle
- 19", 2HU rack mountable with eject function*

* Optional

Overview

The Ranatec RI 180 is a high performance shielding case for all types of applications where good shielding is needed. It is specially suited for rack mounted test systems where the device under test is frequently replaced. RI 180 could be nicely fit into a 19" rack, occupying only 2 HU. With a one hand operation, the user can pull it out from the 19" rack and open the lid.

Electrical interfaces

All electrical interfaces are located on a replaceable adapter plate on the rear of the shielding case. The adapter plate is ordered as an option (see Ordering below) separately from the case.

RI 180 can be equipped with the following connectors (external / internal):

- DSUB9 (F) / DSUB9 (F) feedthru filter
- DSUB15 (F) / DSUB15 (F) feedthru filter
- USB 2.0 Hi-Speed (480 Mbps) feedthru filter (Form A, Rectangle, (F) / Form A, Rectangle, (F))
- LAN 100 Mbps feedthru filter
- TNC (M) / SMA (F) connectors



All electrical interfaces are located on the rear of RI 180.



Ranatec RI 180 is a 19" rack mountable shielding case with very good shielding performance covering all mobile frequency bands.

Applications

The RI 180 is designed for high shielding over all cellular frequency bands making it suitable for applications such as:

- Mobile telephone test
- Basestation transceiver test
- Cellular network test
- Wireless semiconductor test
- WLAN/Bluetooth/ZigBee/WiMax device test

Specifications

- | | |
|----------------------------|-----------------|
| • Attenuation at 1 GHz | >60 dB |
| • Attenuation at 3 GHz | >45 dB |
| • Material | Stainless steel |
| • Dimensions (WxDxH) | 400x300x88 mm |
| • Weight (standard config) | 7.5 kg |

Ordering

- | | |
|------------------|--|
| RI 180 | Shielding case with standard hardware interfaces |
| Option RI 180-03 | Adapter plate with 8pcs TNC (M) -SMA (F) 4pcs USB 2.0 Hi-Speed |
| Option RI 180-04 | Adapter plate with 4pcs TNC (M) - SMA (F) 4pcs USB 2.0 Hi-Speed 1pcs DSUB9 (F) 1pcs DSUB15 (F) |