

RI 189 SHIELD BOX

1.2 x 0.7 x 0.6 meter
Powerful ventilation

OVERVIEW

The RI 189 is a large RF shield box for all types of applications where high RF-shielding is needed. The box has unique cooling capacity, designed for up to 2000 W of internal heat generation, only increasing temperature 20 degrees. It is suitable for testing of Mobile Base stations or point-to-point microwave links (P2P, PTP). The RF-box can easily be fitted under a bench or table.

APPLICATION

The RI 189 is designed for shielding over all cellular mobile frequency bands, 1-10 GHz making it suitable for applications such as:

- Cellular mobile phone test
- High power products
- Base station 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. The interface plate can be equipped with various I/O interfaces and connectors. Please see further details under the ordering column.



FEATURES

- 70 dB shielding attenuation at 1-10 GHz
- Ventilation designed for 2 kW internal heat

SPECIFICATION

| | |
|-------------------|-------------------|
| Attenuation | 70 dB at 1-10 GHz |
| Inner dimensions | 1.2x0.7x0.6 m |
| Outer dimensions | 1.3x0.8x0.7 m |
| Weight (standard) | 32.2 kg |
| Material | Aluminum |

ORDERING

| | |
|----------|---|
| RI 189 | Shield Box with ventilation and fan |
| 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 6 pcs per box as standard</i> |
| RI 4205 | 110/230 VAC Feedthru Filter |
| RI 4197 | DC Filter with Banana Connectors <i>Up to 2 pcs per box as standard</i> |
| RI 4196 | Optical Fiber Feedthru <i>Up to 2 pcs per box as standard</i> |
| RI 4198 | DC Filtered Terminal Block, 2 pos <i>Up to 2 pcs per box as standard</i> |
| RI181-14 | SMA(f) Bulkhead Connector <i>Up to 4 pcs per box as standard</i> |
| RI189-27 | RF Absorption Foam inside box excl. lid |
| RI189-29 | RF Absorption Foam inside box incl. lid |