# MPSB-21-35-12 - Medium performance EMI / RF shielded box

## MPSB-21-35-12 - Medium performance EMI / RF shielded box (210 x 354 x 120 mm)

*Closed view*
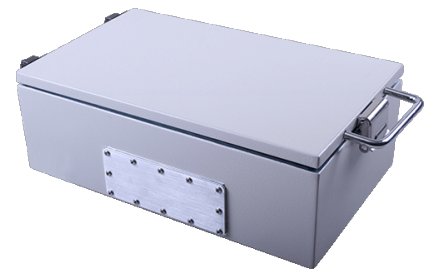
### Data- and powerline-filters

By default, this box comes with 6 shielded SMA penetrations, 12Vdc, data line filter (RJ45), 2 times USB and a VGA penetration. Many other shielded conduits are available on request. They may optionally also be added later.

### Features

- Wireless communication test system
- For 3G, wifi, Bluetooth wireless test
- High levels of shielding attenuation, greater than 75dB
- Easy & Flexible operation in Lab and production line
- R&D, custom design
- Box can be equipped with shielded power filters for power connection in the box while still blocking all wireless signals.

### Technical specifications

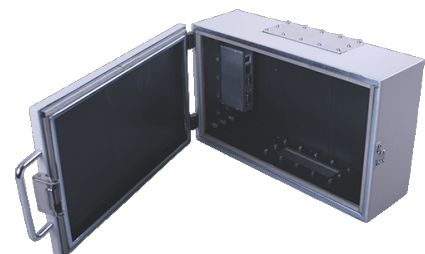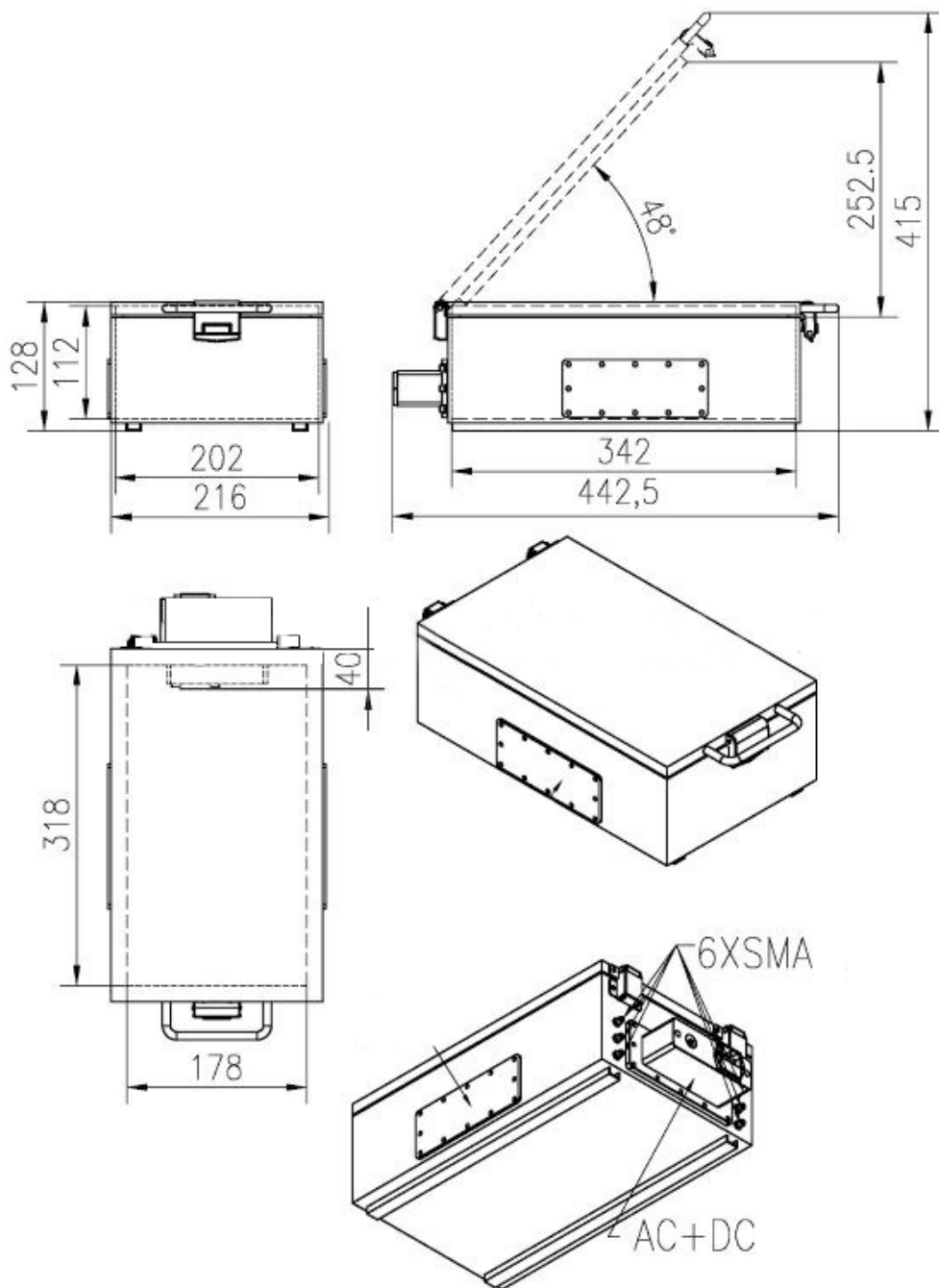| | |
|---|---|
| Data interface | RJ45+USB*2+RS232 |
| Radio frequency interface | SMA*6 |
| DC power outlet | DC*1 |
| Work size(mm) | 200(W)*334(D)*115(H) |
| Appearance size(mm) | 210(W)*354(D)*120(H) |
| Box body material | Mu-ferro |
| Weight (kg) | 4 |
| Working temperature(℃) | 0-50 |
| Frequency(GHz) | 0.8~6GHZ |
| Supply Ability | max. 1000 per week |
| Isolation | ≥80 Db @2.4GHz)&(≥70 Db @5.8GHz) |
| Appearance color | Beige (Other on request) |

*Open view*

### Attenuation

The RF shielded box is the most economical solution for example, blocking GSM, WiFi, Bluetooth and other wireless communication standards. The average attenuation over a wide frequency range is 80 dB. See attenuation table below.

*Back view*

| Frequency (Mhz) | Attenuation (dB) |
|---|---|
| 2400 | Front 84, Behind 79 |
| 5800 | Front 83, behind 76 |

*These values are measured under laboratory conditions. In your situation results may differ, please read our Guarantee.*

*Inside view*

Produkt anfragen

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### Extra interface types (on request) (possible both types of shielding boxes)

VGA,DB9,DB25,USB2.0,USB3.0,SMA,RJ45,BNC,RCA,DC,AC(optional)

Partnumber / Ordercode:

MPSB-21-35-12

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