

# ORBIS SYSTEMS RF SHIELDED BOX



## PRODUCT FEATURES

### General information

- Mode of operation: Manual
- Materials: Sheet metal
- Color: Black (G150)
- External dimensions: W479 x D655 x H354 (mm)
- Inner dimensions (clear space): W275 x D370 x H305 (mm)
- Flat absorber inside
  - Flame retardant NRL8093 (test 1, 2, 3) and DIN 4102 B2
  - Thickness: 30mm
  - Reflection loss (>3GHz): >13 dB (Vertical Incident)

### Interfaces

- Female SMA, for RF connection F2F external thread, quantity 12
- Banana connector 10A, quantity 2 pairs
- A type USB 3.0 super speed (5Gbps max rate), quantity 02
- 110 AC with switch, quantity 01
- Vent and exhaust fan

### Performance

- Working frequency: 800MHz – 6GHz
- Shielding performance: 80dB

### Environmental requirements

- Temperature range: between 20°C and 45°C
- Humidity: <80%

### Door locking system

- Open/Close systems
  - Mechanical access provided by key
  - Electronic access provided by password coding system
    - Master code, qty. 3
    - User code, qty. 100
  - Voice activation (optional)
- Battery details for the electronic and voice systems
  - Support more than 10,000 open/close operation
  - Low battery alarm function, battery can hold 300 open/close operations after alarming
  - Codes are kept recorded even without battery


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We create testing solutions for our customers to help them to develop new products and technologies and to secure the high quality and functionality of the products. With our equipment, our customers are able to accelerate product development and reduce manufacturing costs in production.

We are driving the technological change and building the future automated world. We want to solve our customers' testing problems and to be the leader of the 5G breakthrough. We are pioneers of solving rough technological challenges and we deliver bigger than we are. In our design we ask why instead of what and how.

In Orbis Systems we call it knowledge - A whole new ball game.

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