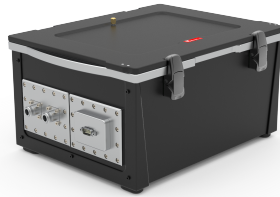


RWC7100A

RF Shielding Enclosure



APPLICATION

A triple contact shielding structure guarantees more than 100 dB isolation. Such an excellent shielding effectiveness in wide band up to 6.5GHz is very suitable for measuring the following products which have quite good sensitivity performance.

LTE, NB-IoT devices (700MHz, 2-6GHz)
LoRa, Sigfox devices (400MHz, 900MHz, 2.4GHz)
WiFi devices (2.4GHz, 5.8-6.2GHz)
Bluetooth devices (2.4GHz)
GNSS devices(1.2-1.6GHz)

FEATURES

Triple contact shielding structure

It guarantees stable shielding characteristics in wide frequency range up to 6.5GHz

Internal Absorber

It provides more stable internal RF test condition

Easy maintenance

Users can easily replace shielding gaskets manually

Various IO modules provided

Users can easily replace any IO modules manually

Antenna can be mounted on the lid

It provides users with more stable test environment

A Steady hold hinge applied

SPECIFICATIONS

Shielding Characteristics

It is measured with blank panels mounted.

Shield Effectiveness (dB)	Frequency (MHz)
≥ 100	@ 400 to 6500

Miscellaneous

Dimension W x D x H mm (inches)

Exterior : 355 x 270 x 180 (14" x 10.6" x 7")

Interior : 260 x 190 x 100 (10.2" x 7.5" x 3.9")

Packing : 450 x 350 x 270 (17.7" x 13.8" x 10.6")

Weight

Product : approx. 6 kg

Packing : approx. 7 kg

ORDERING INFORMATION

Order Code	Descriptions
C7100A-00	RWC7100A RF Shielding Enclosure - Frequency Range: 400MHz to 6.5GHz - workspace: 260(W) x 190(D) x 100(H) mm
5600-1000	Module, Blank A (135x85mm)
5600-2000	Module, Blank B (102x80mm)
5630-1000	Module, 2 x N(F) to SMA(F) (102x80mm)
5630-2000	Module, 2 x SMA(F) to SMA(F) (102x80mm)
5640-1000	Module, USB 3.0 Fiber Interface (135x85mm) - 1 x USB3.0 only (not backward compatible)
5640-1100	Module, USB 3.0 to 2.0 HUB (94x63x22mm) - 4 USB Connectors
5640-2000	Module, D-Sub 9P(M) to 9P(M) (102x80mm)
5640-2100	Module, D-Sub 9P(F) to 9P(F) (102x80mm)
5699-0001	Module, Panel Customization
C8201A-00	Wide-band Circular Antenna Set (RHCP) - Frequency Range: 600MHz to 6.5GHz - Dimensions: 130(W) x 130(D) 15(H) mm - Connector: N(J),Outside to SMA(F),Inside
C8201A-01	Wide-band Circular Antenna Set (LHCP) - Frequency Range: 600MHz to 6.5GHz - Dimensions: 130(W) x 130(D) 15(H) mm - Connector: N(J),Outside to SMA(F),Inside

sales@redwoodcomm.com

<https://www.redwoodcomm.com/>

All specifications are subject to change without notice.