



# Wireless RF Test Enclosures

## JRE 0814-2R-A 802.11a,b,g RF Shielded Test Enclosure

Universal, preconfigured RF shielded test enclosure, ready to ship - immediately!

- 9.5 x 6.5 x 12.5 inches 240 x 165 x 320 mm inside each box
- Standard 19 inch rack mount
- Already configured for 802.11 a,b,g RF tests
- Rugged welded aluminum construction
- Adjustable latch ensures tight RF shielding
- Excellent RF Isolation

Containing all the capability of the larger JRE enclosures, the rack mounted JRE 0814-2R-A is ideal for testing IEEE 802.11 a,b,g devices such as; WLAN, VoIP, access points and other RF devices. Two independent JRE 0814 series enclosures are mounted in one 19 inch rack.

Featuring rugged welded aluminum construction, you can be assured of its tight RF shielding effectiveness. Long life door gasket material along with double edge engagement not only provides solid RF shielding, but smooth trouble-free operation over its lifespan.

A popular configuration of I/O connectors allow almost any device to be interfaced inside the enclosure, and internal electromagnetic absorbing material reduces RF reflections and hot-spots.

### FEATURES & BENEFITS

- Double contact door shields ensures repeatable measurements
- 3/4" thick RF absorbing foam deadens standing waves and reflections for repeatable tests
- Heavy duty stainless steel hinges hold door steady
- Rugged welded aluminum construction for long life

### CONNECTORS

One 100 pf filtered DB9 connector with RJ-45 adapters  
One 1000 pf filtered DB9 connector  
4 Terminal barrier terminal strip - 100 VDC @ 20 A  
Two SMA Female bulkheads  
Universal I/O plates (7" x 7" 180 x 180mm). Easily changed in the field for multiple uses. JRE Test "C" size I/O plate.

### ISOLATION

-100dB @ 1GHz, -95dB @ 3GHz, -85dB @ 6GHz

### DIMENSIONS

Outside: 11" H x 8" W x 14" D 280 x 205 x 355 mm  
Inside: 9.5" H x 6.5" W x 12.5" D 240 x 165 x 320 mm



### JRE 0814-2R-A I/O Included Interfaces (each enclosure)

**RF Feedthru:** 2 each of SMA female bulkheads

**Adapters:** DB9 to RJ45 adapter

**Connector covers:** Dust cover caps with tether chains included for all RF connectors

**RF filtered data connectors:** Dual DB9's, one with 100 pf filtering, one with 1000 pf filtering - for wide range of data rates

**Power connection:** 4 terminal barrier strip, 2500 pf filtering. Barrier strip cover included.

**Whip antennas:** 2 each of 2.4 - 5.8 GHz whips

**JRE Test, LLC 7940 Rae Blvd. Victor, NY 14564**  
**www.jretest.com 585-298-9596 sales@jretest.com**