



# Wireless RF Test Enclosures

## JRE 0709-A 802.11a,b,g RF Shielded Test Enclosure

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

- Roomy 3.25 x 6 x 8.5 inches 90 x 150 x 215 mm inside
- Fits on any benchtop
- Already configured for 802.11a,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 compact JRE 0709-A is ideal for small wireless devices such as; 802.11a,b,g WLAN access points, VoIP devices and other small RF devices.

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
- 1/2" thick RF absorbing foam deadens standing waves and reflections for repeatable tests
- Heavy duty stainless steel hinge holds door steady
- Rugged welded aluminum construction for long life
- Wide variety of connector options for every use

### CONNECTORS

One 100 pf filtered DB9 connector with RJ45 adapter

One 1000 pf filtered DB9 connector

Two SMA Female bulkheads

4 Terminal barrier terminal strip - 100VDC @ 20A

### ISOLATION

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

### DIMENSIONS

Outside: 4.5" H x 7.25" W x 9.75" D 115 x 185 x 250 mm

Inside: 3.25" H x 6.0" W x 8.5" D 90 x 150 x 215 mm



### JRE 0709-A

#### Included I/O Interfaces

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

**Adapter:** one 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

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