



Wireless RF Test Enclosures

JRE 1618 RF Shielded Test Enclosure

Low profile, loads of I/O Capability!

- Roomy 3 x 14.5 x 16.5 inches, 75 x 370 x 420 mm inside
- Wide selection of I/O options with our universal I/O plates - space for 2 plates!
- Two honeycomb vents, standard
- Rugged welded aluminum construction
- Dual I/O plates for maximum capability
- Excellent RF Isolation at a low cost

Low profile devices with large amounts of I/O connectivity have found a home in the JRE1618.

Like its other brothers in the JRE test line, it features rugged welded aluminum construction with superb 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.



Unit shown with populated I/O plates for illustrative example



Tough 'honeycomb' vent maintains shielding effectiveness throughout the full frequency range. Optional fan is available for additional airflow.

The two universal I/O plates allow almost any device to be interfaced inside the enclosure, and internal electromagnetic absorbing material reduces RF reflections and hot-spots.

JRE 1618 I/O Interfaces

Configuring your JRE RF Test Chamber is simple, fast and easy. Choose from ready-to-go, in stock I/O plates with the most common filtered interfaces and connectors and your test chamber can be shipped in just a few days - or have a custom design in about a week, with whatever connectors and filtered interfaces you desire. See all the Fast-Track, in stock I/O plates on our web site.

Want a different set of connectors or filtered interfaces? Contact JRE with your requirements and a custom I/O plate will be designed expressly for your test chamber. This plate will then be populated with the selected interfaces, mounted on the test chamber, final tested and then shipped to you. Other options such as fans, vents, internal AC power strips, fiber optic connectors can all be accommodated. JRE's extensive inventory allows us to ship your custom configured test chamber in as little as one week!

FEATURES & BENEFITS

- Double contact cover shields ensures repeatable measurements
- 3/4" thick RF absorbing foam deadens standing waves
- Heavy duty cover latches assure tight RF isolation
- Rugged welded aluminum construction for long life
- Wide variety of connector options for every use
- Includes dual 80mm vents, AC or DC fan is available!

CONNECTORS

Two universal I/O plates (2.75 x 6" - 70 x 150mm) with incredible connector options. Easily changed in the field for multiple uses. JRE Test "A" size I/O plates.

ISOLATION

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

DIMENSIONS

Outside: 4.5" H x 16" W x 18" D 115 x 405 x 460 mm
Inside: 3" H x 14.5" W x 16.5" D 75 x 370 x 420 mm

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