

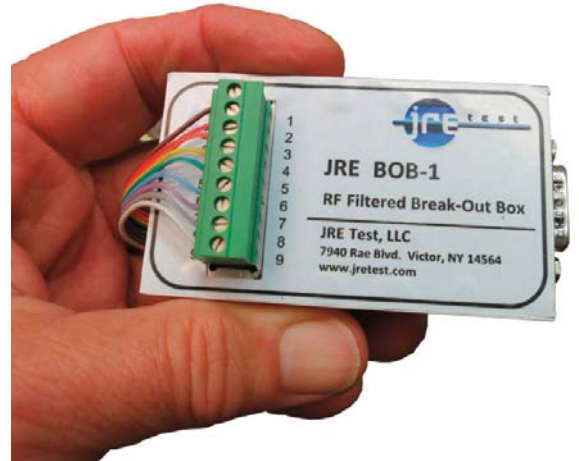


# Wireless RF Test Enclosures

## JRE BOB-1 Break Out Box Filtered Signal Line Interface \$389

Handy 'Break Out Box' features 9 RF Filtered signal lines with screw terminal connector

- Nine filtered conductors, ideal for power, audio, control or signal lines
- Over 80 db attenuation > 10 MHz
- Passes all signals < 1 MHz while rejecting VHF, Cellular, LTE, WiFi and RF signals
- Handy pluggable screw terminal connector
- DB-9 connector to enclosure's I/O panel
- Precision filtering for minimal ringing



Simplify the connections between your device under test inside the RF shielded test enclosure and the outside world. The BOB-1 'Break Out Box' Filter consists of nine individual conductors with low pass filtering inside a machined aluminum housing which provides exceptional RF shielding. Each signal line is suitably filtered, allowing low frequency control signals, audio, DC power or other signals to easily pass across the RF test enclosure's shielded barrier. A handy 'plugable' screw terminal connector allows simple connection to any of

the nine filtered signal lines. Signals above 10 MHz will be attenuated by 80 db, ensuring high RF isolation while still allowing your control, power or other signals to pass through unaffected.



The BOB-1 interface includes a short DB-9 jumper cable which connects to a filtered DB-9 connector (included) on the I/O plate. Inside the enclosure, the BOB-1 allows simple connections using the terminal strip, while outside the test enclosure, the common DB-9 connector is used for connection. The use of high performance inductors allows a current of up to 500 mA, and DC resistance on any signal line is below 1 ohm, maximum voltage is 50 VDC.

### FEATURES & BENEFITS

- Excellent RF filtering at all VHF and wireless frequencies
- 9 independent RF filtered signal lines
- Heavy duty machined aluminum case for reliable shielding
- Precision designed filtering for minimal ringing on signal lines

### SPECIFICATIONS:

- Insertion Loss, less than 1 MHz : 1 dB
- Insertion Loss, greater than 10 MHz: 80 dB
- 1 ohm DC resistance, 50 Volt rating each line

### DIMENSIONS

Outside: 1.8" H x 3" W x 0.8" D 45 x 75 x 20 mm

### JRE BOB-1 'Break Out Box' Filtered Interface Adapter

- Screw terminal connector
- Filtering: All lines filtered
- Power capability: Up to 50 VDC at 500 mA, 1 ohm max DC resistance

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