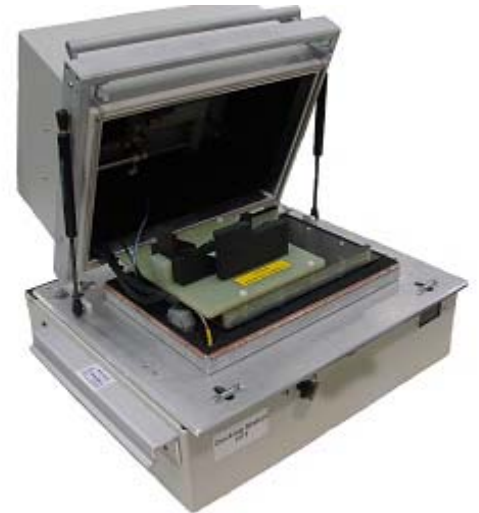


BTF-100 RF Test Fixture



Typical Test Applications

- Short Range Wireless Device
- Communication Link
- Keyless Entry Device
- Telemetry Device
- Mobile Testing
- Wireless Alarm
- In-circuit PCB

Features

- RF Measurements via Antenna Coupler
- Covers Multiple Frequency Bands
- High Isolation to RF Interference
- Adaptable to 19" Rack
- Designed For Production Environment
- Bed-of-nails (optional)
- Low Cost

Overview

Benetel's RF Test Fixture provides both unit level and in-circuit test capability for RF devices.

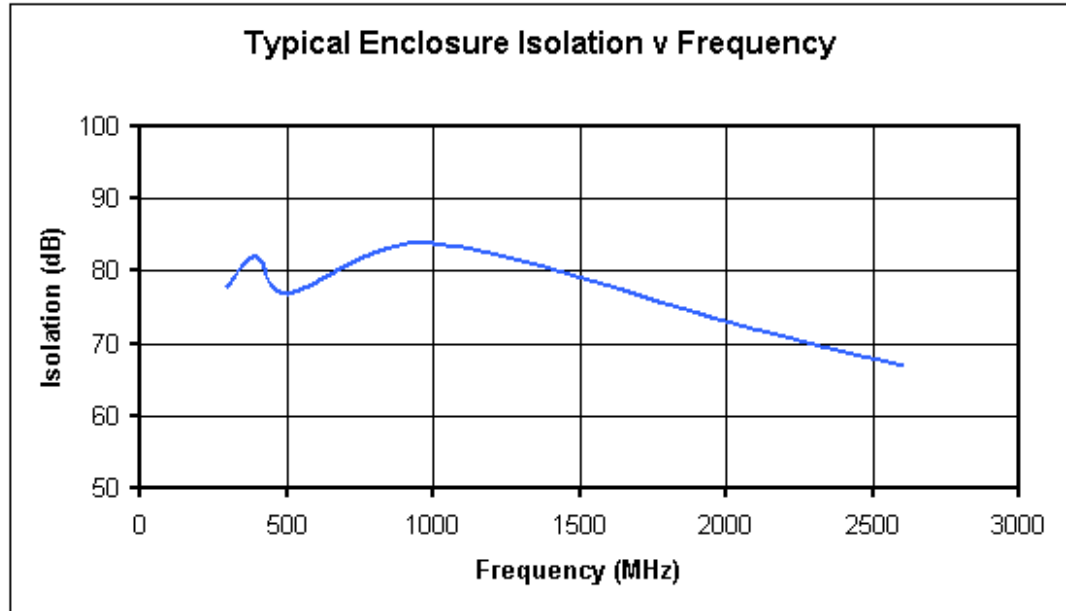
The unit level RF Test Fixture is based around an antenna coupler and generic RF enclosure that provides good isolation from external signals, while allowing interference free system level testing across a wide bandwidth. Narrow band and customer specific coupling is also available upon request.

The generic RF enclosure can be modified to accommodate circuit board testing. This includes product specific test solutions ranging from a bed-of-nails arrangement to functional test with full side access probing and switch activation.

The RF Test Fixture can be used as either a stand-alone test platform, or in conjunction with a 19" rack configuration where a number of different fixtures can be swapped over for different product lines with minimal time and effort.

RF Test Fixture Characteristics

The RF Test Fixture is designed to provide RF Isolation greater than 55dB from 315MHz to 2.4GHz. The measured performance of the test fixture is illustrated in the graph and table below.



Typical Coupling versus Frequency

Frequency (MHz)	Coupling (dB)
315	25
433	26
900	8
1800	12
2440	14

Note: Coupling measured at 25.4mm (1 inch)

To Find Out More:

To order the RF Test Fixture or get more information, please email us at sales@benetel.com or phone us on +353 1 4100947 or browse our website at www.benetel.com

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