

Meeting today's complex test requirements for advanced communications systems, requires application specific signal conditioning that isn't possible with standard test equipment. **dBm** can solve these problems with its product line of RF Interfaces.

In addition to performing multiple types of signal conditioning, such as attenuation, routing, switching, multiplexing, and filtering, these Interfaces aid in inter-connectivity. High inter-channel and intra-channel isolation, signal routing, and non-intrusive test ports, give users the flexibility to interface even high power transmitters with the most sensitive receivers.

dBm has an extensive product range of RF interfaces available and is willing to customize products to suit your specific application.



RF Test Equipment for Wireless Communications

Applications

Typical applications for *RF Interfaces* include:

- 2nd and 3rd generation mobile phone systems
- Satellite system integration test beds
- Multi-sector base station testing

Features

Flexibility

Each RF Interface is designed in accordance with your specific test needs. Functionality, performance, and even connector location, are optimized.

Signal Conditioning and Signal Generation

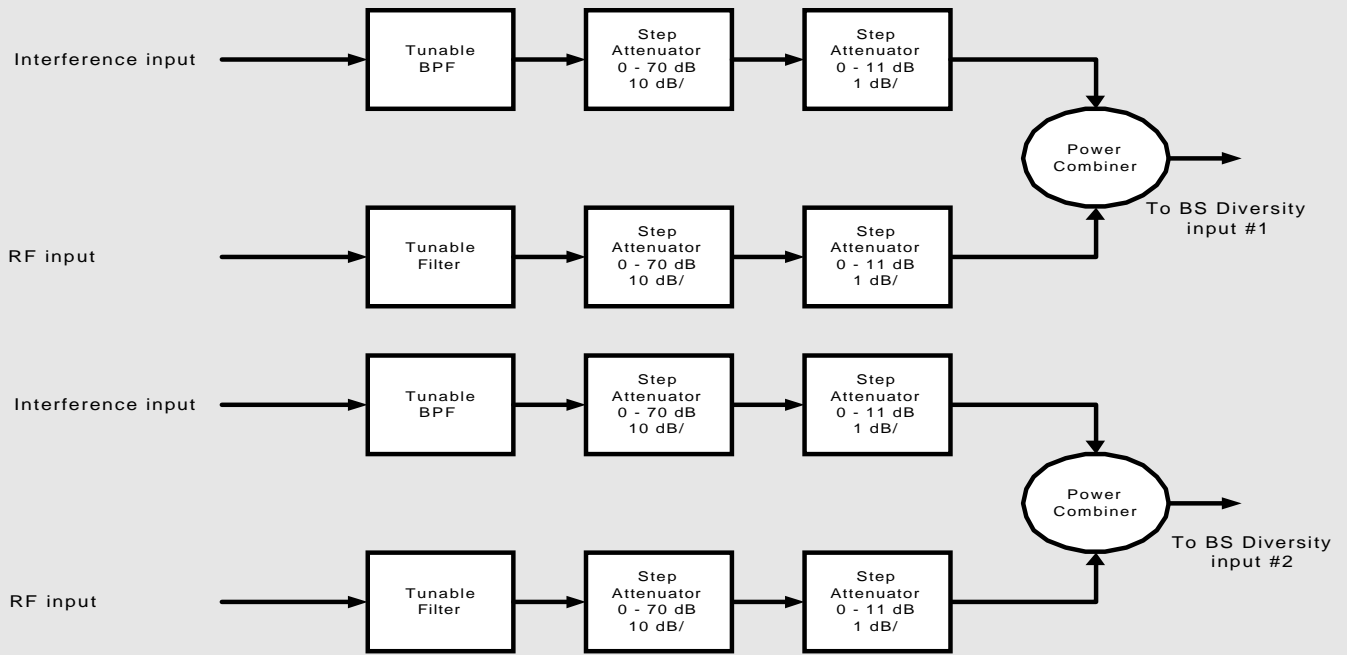
Filtering, multiplexing, switching and attenuation are available. The interfaces can also be configured with fully synthesized, broadband CW and modulated signal generators.

Rack Mounting and Custom Enclosures

All RF Interfaces are available in 19" rack mountable enclosures, or as an option can be designed as an embedded chassis.

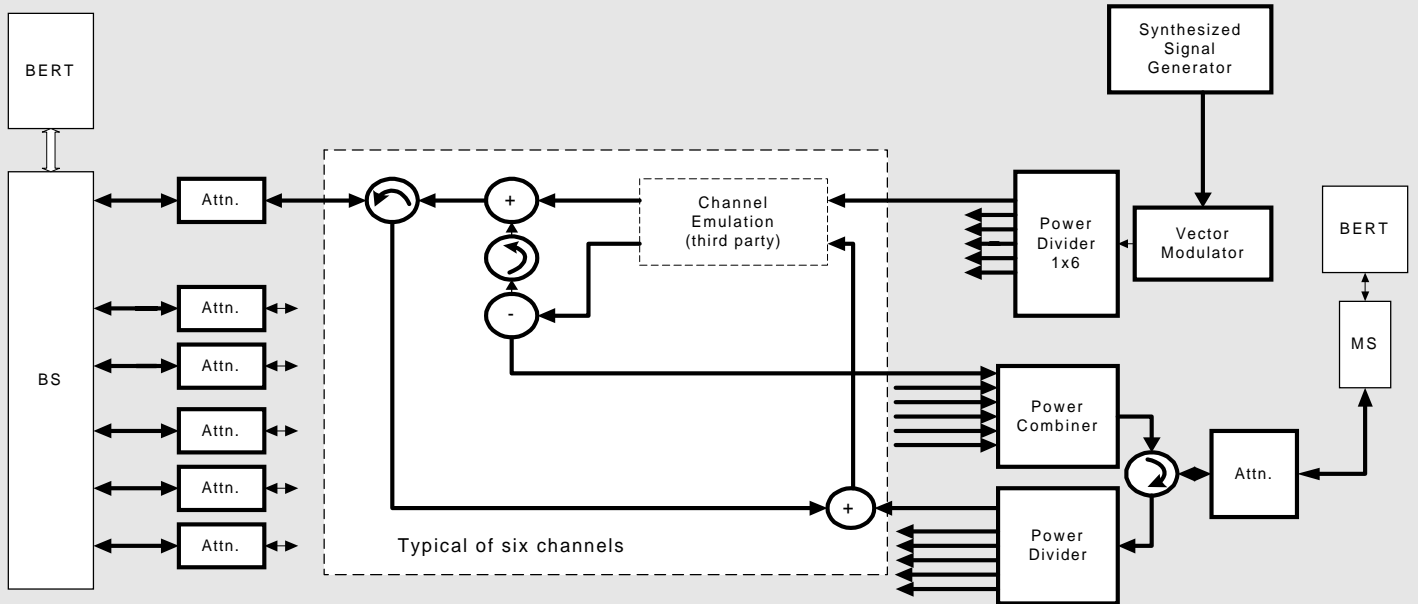
Multiple Control Options

IEEE-488.2, Centronics parallel port, serial port and addressable parallel binary control interfaces are available.



W-CDMA Base Station Test Interface

This Base Station Test Interface provides a straight forward solution to combining desired signals with interfering signals, and providing precise control of the levels. In addition, the potential adverse effects of out of band energy are eliminated with built-in tracking filters.



Multi-Channel Test System

Evaluating the effects of co-channel and adjacent channel interference in the laboratory quickly becomes complicated as the number of sectors or mobile stations increases. This test interface provides a convenient way to evaluate performance under such conditions. Note also that a modulated interfering signal may be injected into each channel.



RF Test Equipment for Wireless Communications

6 Highpoint Drive, Wayne, NJ 07470 USA
 Phone: (973) 709-0020 Fax: (973) 709-1346
 e-mail: info@dbmcorp.com
 Web: www.dbmcorp.com