

Digital RF

Portable EOD Briefcase Jammer



The Digital RF Portable Briefcase Jammer incorporates the latest jamming technology in a compact integrated system. Able to be equipped with a wide range of frequency jamming modules the Briefcase Jammer can be deployed in just minutes to protect EOD teams during the clearance of RCIEDs.

In one compact Briefcase the system contains; Jammer modules, antennas, battery, power supply and optional remote control.

Jamming modules can be selected to provide high power targeted jamming or wide band with modules available in bands from 20-6000MHz.

The RF power of the Briefcase jammer can be limited for safety reasons however higher powers are available with adjustable output power.

In its basic form one jammer may be set to jam 20-500MHz or 500-1000 MHz or Satellite Phones, CDMA, PCS, GSM, UMTS, 3G, WiFi and WiMax bands.

Each frequency band offers the option of blanket jamming or targeted. The Briefcase is supplied with both Directional antennas or Omni antennas to maximize the jamming area in different scenarios.

Features

- Rugged compact single briefcase.
- High capacity battery.
- Broadband Omni or Direction antennas.
- Variable output level control.
- Built in AC Power Supplies for continuous use.
- Remote control.
- Easy to use GUI to program new frequency bands.
- Battery and system suitable for air transportation.



Complete Integrated System

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Specification.

Frequency Bands

Band 1	20Mhz - 500Mhz
Band 2	500Mhz - 1000Mhz
Band 3	1000Mhz - 2000Mhz
Band 4	850-990, 1500-1625 and 1800-2000MHz GSM, CDMA, PCS, UMTS
Band 5	2000Mhz - 3000Mhz 3G/WiFi/WiMax
Band 6	3000Mhz - 4000Mhz
Band 7	4000Mhz - 6000Mhz



800/900MHz and 1800/1900MHz
Compact Antennas

Transmit Powers

Band 1	5 -100W.
Band 2	5 -100W.
Band 3	5 -50W.
Band 4	5 -100W.
Band 5	5 -100W.
Band 6	5 -20W.
Band 7	5 -20W.

Antennas

Omni and Directional high gain. Antenna stands and carry bags are available for directional antenna systems to deploy with increased range.

Dimensions

Briefcase

A range of cases are available subject to the selected modules frequency and power range. Please contact the factory.

Flightcase

Typically 240mm high, 560mm wide, 560mm deep (Other cases are available upon request.)

Weight

Module each 4Kg, Case 6Kg, Battery 5kg. For Briefcase design weights from 13Kg to 22Kg.

Battery

Ni-MH, Lithium or sealed lead acid available.

Temperature

-20°C to 55°C subject to module and battery selection

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