



The Briefcase / Flightcase jammers are designed to protect soldiers and law enforcement on foot patrol against radio controlled bombs (RCIEDs), or from terrorists identifying their exact location .

The Briefcase jammer is highly portable complete with power supply and batteries and can be fitted with a range of plug-in Black Shadow jammer modules. The jammer modules operate from 20MHz to 3000MHz, although the most used bands are 20-500MHz HF/VHF/UHF radio handsets, GSM and 3G mobile telephone links.

The weight of each jammer plug in is just 4kg. The RF power of the Briefcase jammer is limited for safety reasons however higher powers are available for Flightcase jammers.

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 and Omni antennas to maximize the jamming area in different scenarios. An optional Threat Detector can be provided to sense the presence of HF/VHF/UHF radio handsets or CDMA/GSM mobile telephones and turns on and sets the jammer to target the frequency threat. The detector conserves the battery life as the jammer only powers up on registering a threat. The detector can be manually/remotely overridden.

Features

- Modules covering all popular frequency bands (HF,VHF,UHF,CDMA,GSM,PCS,UMTS,3G,Sat Phones etc.)
- Highly Portable
- Digitally synthesized programmable jamming
- Integrated directional antennas
- Battery and Mains power



Because of the technology being used the British MOD/Export Control have classified the jammer and sales are restricted to the Security Forces, Military, Police, Embassies, Dignitaries and Politicians etc and are subject to an export license.

Specification for Briefcase / Flightcase Jammers

Frequency Band

Band 1	20Mhz — 500Mhz
Band 2	500Mhz — 1000Mhz
Band 3	1000Mhz — 2000Mhz
Band 4	900-960, 1500-1625 and 1800-2000MHz GSM, CDMA, PCS, UMTS
Band 5	2000Mhz—3000Mhz 3G/WiFi/WiMax

Option:- Threat Detector/Responder

Mechanically each jammer plug-in chain is identical and will fit into any housing. Multiple channels can be fitted into a brief case. A flight case configuration is recommended for fitting into a vehicles.

BRIEFCASE JAMMER Tx POWER

Band 1	5—30W. 24V/5A
Band 2	5—30W. 24V/5A.
Band 3	5—20W. 24V/4A
Band 4	5—30W. 24V/5
Band 5	5 —30 W 24V/5

FLIGHTCASE JAMMER Tx POWER

Band 1	30—50W. 24V/8A
Band 2	50—80W. 24V/8A.
Band 3	20—30W. 24V/5A
Band 4	50—80W. 24V/7A
Band 5	50 —80 W 24V/7A

Antennas Omni and Directional high gain.

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 4Kg, Case 8Kg, Battery 5kg for Briefcase design

Battery

Briefcase 2 x 12V x 10A/hr or 1 x 24V x 17—70A/hr options

Temperature

-20°C to 50°C within few minutes of switch on

Note: Higher transmit powers are available for the flightcase version



Digital RF maintains a policy of improvement and reserves the right to modify the specification without prior notice.