

10W PORTABLE GSM JAMMER

Lightweight Multi-Role GSM Radio Frequency Inhibitor System



Vehicle mounting option

The Portable GSM Jammer is a multi-role inhibitor designed for rapid deployment and used to counter RCIED threats from Global System for Mobile Communications (GSM) mobile phones and other devices.

The jammer is factory programmed to specific in-country threats.

The inhibitor may be used in the patrol man-pack role with a total weight of less than 7 kilograms including the battery. A carry-forward frame allows the jammer to be carried with one other inhibitor for static or carry forward operation. The jammer may also be configured for vehicle installations connecting a power amplifier and specialist antenna ground plane for vehicle convoy protection.



The ECM system design uses sophisticated Direct Digital Synthesis (DDS) technology with up to four threat band fills for flexible programming and power efficiency.

The system is fully integrated and includes a docking interface compatible with the Lithium Ion Power System (LIPS) 10 battery to provide a nominal mission life of 3 hours continuous operation.

An internal cooling fan provides active and effective temperature regulation for sustained use in high-temperature environments.

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COMPONENTS

- Rugged, forced air-cooled unit
- DDS module preamplifier and controller
- LIPS10-compatible
- A Graphical Hand Held Controller (GHHC) for system interrogation.



Carry forward frame

Export Licence Required

SPECIFICATION

Frequency Coverage: Low Band GSM: GSM-850 and, GSM-900 (869 - 960 MHz)
High Band GSM: DSC-1800 and, PCS-1900 (1805 - 1990 MHz) Other bands available on request

Power Supply: LIPS 10 secondary battery (24V, 23 Ahr Li-ion) providing 3 hrs nominal operation. LIPS9 option available

Operational Temperature: -10 °C to +55 °C

Operational Humidity: Upto 95% relative humidity, non-condensing

RF Output Power: 10W +/- 2 dB RF power output* split between two antennas. 10W +/- 2 dB may be distributed across Low and High GSM bands as required.

Size: 223 x 216 x 77 mm exclusive of connectors, antennas and batteries

Size: 353 x 216 x 77 mm including LIPS10 battery

Weight: <3.3 kg not including battery and antennas <6.95 kg including LIPS-10 battery and antennas

Shock and Vibration: DEF STAN 00-35

* Power at 24V d.c. over the ambient operational temperature range into 50 Ohms load. RF output power may vary if operated outside this temperature range or otherwise powered.