



Cell-Block™ Prison Jamming System



Preventing the use of mobile phones and communications devices in Prisons and Secure Facilities is an important part of security and crime prevention.

Digital RF can provide, install and maintain '**Cell-block™**', a comprehensive communications device monitoring and jamming system.

Cell-block™ can be easily installed and is tamper proof. Operating over many frequency bands cell phones, satellite phones, WiFi and many other communications devices are disabled.

Working with **Cell-Gabber** a prison or building can be jammed but still allow certain mobile phones to work normally.

The **Cell-block™** jammer system is designed and manufactured in the UK. The equipment is suitable for fitting into Prisons / Jails or secure buildings to give protection against unauthorised use of mobile phones and other mobile communications devices. The jammers are wall mounted or free standing with universal power supply.

A full range of efficient antennas are provided in the system to ensure the maximum energy is transmitted into the required area. These antenna are designed and built by Digital RF and can be provided or installed as part of a turnkey solution. An optional battery backup facility can also be offered to provide one hour of use without power from the mains.

A wide selection of frequency bands are available depending on country and local operator networks. Each jammer is fully remote controlled by the Digital RF '**RF Centrl**' monitor and control software application. Activity logs of all events are stored on the RF Centrl central control computer for analysis.

Cell-block is design for 24hr use 365 days a year in harsh environments. It is virtually maintenance free and easily operated by non technical staff.

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

DRF 12/ CELLBLOCK/1304

Specification

Frequency Bands

Band 1 20MHz - 500MHz
Band 2 850MHz - 960MHz
Band 3 1200MHz - 2000MHz
Band 4 2100MHz - 2170MHz
Band 5 2400MHz - 2500MHz
Band 6 3600MHz - 3800MHz
Band 7 5400MHz - 5800MHz

Jamming Technique

Variable Swept Carrier with pseudo random modulation or ramp swept with adjustment to 1uS.

Channels

16 to 512 active channels selectable ON/OFF for each band.

Control

Ethernet

Detector

6 Channels (Optional)

Wall mount Jammer Tx Powers

Per Band available from 10—100W specified at the time of order.

Antennas

Omni and/or Directional high gain.

Environmental / Mechanical.

Size	Low Power Version ~600mm high, 500mm wide, 200mm deep
Weight	20Kg (Depending on options)
Power	90-240VAC.
Temperature	-20°C to 55°C