



01 / CAPABILITY OVERVIEW

WRJ 2004

WRJ 2004 wideband radio jammer against RCIEDs



FIG 01 PRODUCT CONFIGURATION

up to ~200 m

JAMMING RANGE

**20 MHz to 3.6 GHz,
separated in multiple
subranges**

FREQUENCY RANGE

**wideband noise, FM
sweep, multicarrier**

JAMMING SIGNAL TYPE

**programmable as
required**

COMMUNICATIONS BANDS/CHANNELS

01.1 / OVERVIEW

A rack-mounted modular wideband radio jammer against radio-controlled improvised explosive devices, covering up to 12 subbands with separate exciter-amplifier modules and used for convoy and VIP protection, anti-terror units, bomb squads and military bases.

TYPE

Jammer

PROCUREMENT AND COMPLIANCE

Supply is exclusively for government and institutional end-users. Availability is subject to destination screening, a state-issued export licence and a verified End-User Certificate.



TECHNICAL DATA

WRJ 2004 / TECHNICAL EQUIPMENT

PERFORMANCE

Jamming range	up to ~200 m
Frequency range	20 MHz to 3.6 GHz, separated in multiple subranges

INTERFACES AND OPERATION

Total output power	up to 1100 W; 30-200 W per band, with output power amplifier protection (VSWR, temperature, input power)
DC power supply	24 Vdc / 200 A, optionally 12 Vdc or 220 Vac
Operating temperature	5 °C to +45 °C

ADDITIONAL TECHNICAL DATA

Jamming signal type	wideband noise, FM sweep, multicarrier
Communications bands/channels	programmable as required
Remote control	via Ethernet interface (Windows application included): ON/OFF per band, power adjust, jamming signal bandwidth adjust, modulation type choice, system monitoring
Case type	19" rack with separated power supply and exciter/power amplifier units
Antennas	external omnidirectional (360°) antennas along with suitable RF cables
Subbands	up to 12, covered by separated exciter-amplifier modules mounted in racks; focus on 150 MHz, 450 MHz, GSM900, GSM1800, UMTS subbands



CONFIGURATION VIEWS

WRJ 2004 / SUPPLEMENTARY CATALOGUE VIEWS

FIG 02 / Vehicle roof antenna enclosure

