



VPJ-3

Vehicle Protection Jammer

- High quality jamming equipment for vehicle protection
- Blocking up to three frequency bands simultaneously:
100 - 800 MHz, 800 - 2000 MHz, 2000 - 2500 MHz
- Various applications
- Compact and modular design



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VPJ-3 Vehicle Protection Jammer

Description

VPJ-3 is a high quality jamming equipment for protection against RCIED and unauthorized use of cellular communication devices. The VPJ-3 unit is intended for blocking all type of communication within designated vehicle. Its unique design combines effective jamming and strict compliance with international standards of safety and electromagnetic compatibility.

VPJ-3 is a 'plug and play' unit, its installation is quick and its operation is easy. Once the VPJ-3 jammer is operating, all communication receivers present within the jamming coverage area are blocked, and communication activities in the immediate surroundings is jammed.

Basic features

- Fully digitized jamming signal synthesis
- Effective jamming in a radius between 5-10 meters (depending on signal strength at site) of vehicle surroundings
- Can block up to three frequency bands simultaneously and independently
- Wireless remote control
- Can be operated from 9 Vdc to 36 Vdc power source

Applications

- Prevention of eavesdropping and information transfer from/to the vehicle
- Prevent activation of RCIEDs on or near the vehicle

Users

- Government agencies
- Military forces
- Police Special Forces
- VIP protection agencies

TECHNICAL DATA

Frequency ranges:	
BL1	100 - 800 MHz
BL2	800 - 2000 MHz
BL3	2000 - 2500 MHz
Synthesizer type	digital
Jamming signal type	fast CW sweep signal, chirp (sweep time as low as 20 μ sec)
Output power	30 dBm for all bands independently
Antenna system	three omni antennas
Frequency ranges:	
ANTENNA1	100 - 800 MHz
ANTENNA2	800 - 2000 MHz
ANTENNA3	2000 - 2500 MHz
Impedance	50 Ω unbalanced
Polarization	linear vertical
Gain	2.15 dBi
S.W.R. in bandwidth	\leq 3.0:1 from 100 to 800 MHz \leq 2.0:1 from 800 to 2500 MHz
Max. power	1 Watt (CW) per band at 50° C
Connector	SMA-female
Dimensions	
ANTENNA1	1200 x \varnothing 30 mm
ANTENNA2	260 x \varnothing 30 mm
ANTENNA3	260 x \varnothing 30 mm
JAMMER UNIT	300 x 220 x 100 mm
Power supply	9 Vdc to 36 Vdc
Consumption	40 VA
Operated temperature range	-20°C to + 60°C

