



GPS jammer (GPSJ-40)

GPSJ-40 has been designed and produced to suppress the navigation of GPS receivers in L1 and L2 band. This jammer defends the land or the important military objects from the enemy's precise guided weapons attack.

GPSJ-40 has coverage range over 50 Km all directional in Line Of Sight (LOS) area.

Antenna type is all directional helix with circular polarization and out put power is 40 watt. Input power supply should be 220VAC. It can be installed on different types of mast.

Technical Capabilities:

- Use P(Y) and C/A code simulating techniques
- Jamming on military and commercial GPS receivers
- Jamming on military band p(Y) and commercial band C/A Simultaneously
- Jamming on C/A code only or jamming on P(Y) only
- Independent antenna for each band
- Rainproof

Technical Specifications:

Central jamming frequency :	L1: 1575.42MHz (Commercial) L2: 1227.6 MHz (Military)
Output power :	20 W in single band or (40 W for double band jamming mode)
Effective jamming range :	More than 50Km in LOS
Band width of modulation signal :	L1: 2MHz, 20MHz L2: 20MHz (modulation BPSK)
Antenna type :	Helix with circular polarization
Antenna gain :	~2 dBi
Antenna beam width:	All directional
Power supply :	220VAC
Power consumption :	120 W
MTBF :	over 1000 hours
Efficiency :	35%
Temperature :	operating: -10°C to +50°C storage: -30°C ~ 70 °C
Humidity :	90%@40°C
Dimension (LxWxH) cm :	60x 40 x 50
Weight :	13 Kg (without cable and install base)

