



GPS Jammer (GPSJ-50)

GPSJ-50 has been designed and produced to suppress the navigation of GPS receivers in L1 and L2 band. It has coverage over 200 Km at minimum 35° in Line Of Sight (LOS) area.

Antenna type is directional helix with rightward circular polarization or omni directional and output power is 50 watt. Input power supply should be 220VAC or 12 Vdc. It can be installed on various towers. The direction of jamming is adjustable via special tower base fixture.

Technical Capabilities:

- 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
- Outdoor / Indoor installation
- Tactical / base station installation and usage
- Outdoor/ Indoor adjusting facility via directional antenna
- Rainproof

Technical Specifications:

Central jamming Frequency :	L1: 1575.42MHz (Commercial) L2: 1227.6 MHz (Military)
Output power :	50W in single band or (25W for double band jamming mode)
Effective jamming range :	More than 200Km in LOS
Band width of modulation signal:	L1: 2MHz, 20MHz L2: 20MHz
Antenna type :	Helix with rightward circular polarization or omni directional
Antenna gain :	10dBi
Antenna beam width :	min. 35°
Power supply :	220VAC ,50Hz or 12VDC
Power consumption :	350W
MTBF :	over 1000 hours
Efficiency :	15%
Temperature :	operating: -5°C to +50°C storage: -30°C ~ 70 °C
Humidity :	90%@40°C
Dimension (LxWxH) cm :	51×39×81 (with antenna) 51×39×31 (without antenna)
Weight :	22 Kg (without cable and install base)

