

Communication Jammer SAJ 1010

Features

- Customised frequency bands from HF to SHF
- Plug-in frequency modules
- High power output up to 45 W
- Optional model with custom jamming waveforms or frequency ranges
- Simple operation
- Rugged, watertight construction according to MIL-STD 810-E
- High performance
- Compact size



The Communication Jammer SAJ-1010 is suitable for a range of applications. It has been specially developed to neutralise communication links and networks used by officials, official security organisations and the military who are required for defending against terrorist hazards.

Owing to its modular design, the SAJ-1010 is able to perform its missions either independently or as part of an EW system. A specific technique is exploited for jamming frequency-hopping systems or spread spectrum systems. Frequency bands can operate independently. The limits of each band are definable.

Operational areas range from suppression of communications over GSM or satellite paths while fighting organisations to preventive measures for neutralising remotely-activated explosives associated with assassination attempts.

The signal radiated by an SAJ-1010 unit jams remotely controlled fuses/receivers, preventing execution of coded transmissions by terrorists or other third parties.

Specifically designed versions jam those downlink cellular or satellite signals associated with the country of use. The SAJ-1010 can simultaneously jam single or quad-band systems and satellite channels and is available in versions with various power outputs. Its robust construction renders it especially suitable for implementation in harsh operational environments.

The SAJ-1010 units can be powered by a 12 VDC (up to 48VDC) external source, by 115 VAC for aircraft operation and the 230 VAC mains.

Technical specifications: Quad-band Jammer

Wireless Systems: [MHz], Examples	NTACS 860 - 894 CT2+ 944 - 948 AMPS/NAMPS 869 - 894 NMT900 935 - 960 TDMA, IS-54 869 - 894 DSC/GSM-1800 1805 - 1880 CDMA, IS-95 869 - 894 PCS 1930 - 1990 CT1+ 885 - 932 DECT 1880 - 1900 ETACS 916 - 949 PHS 1895 - 1918 GSM-900 925 - 960 SHF-Band 2400 - 2485 Tactical Radio 30 - 80 V/UHF bands 110 - 480 Customised on request Satellite bands on request
Frequency range	Band 1: GSM-900 Band 2: GSM-1800 Band 3: GPS Band 4: Al-Thuraya satellite, Inmarsat Single band or simultaneous quad-band operation.
Blocking range	Jamming area is influenced by the distance to the nearest transmitter to be masked. If the target area is close to e.g. a cell base station, additional signal power may be needed to ensure corruption of the incoming signal. Distance can be increased by using high gain directional antennas.
Power Supply	12V DC (9 to 30V DC)
Environmental Specs	MIL-STD-810E Temperature: -20°C to +70°C Shock: 25 g / 6 ms Vibration: 10 to 50 Hz, 0.015 g2/Hz Humidity: 95 % (+60°C) Tightness: IP-67, dust-, sand- and waterproof up to 1 m
Colour	According to NATO (RAL-6031F9), IR prot.
Dimensions	320 x 250 x 110 mm
Weight	4.5 kg
Options	Customised frequency bands Special jamming modes Remote control box, RCU01 Remote control via radio channel High gain directional antennas
Power supply	24/28/48V DC, 115V AC/400Hz, 230V AC/50Hz
Ordering numbers	SAJ-1010 1010.02.02-01
Content	Quad-band jammer Antenna set Cable set Manual

Related Products

- **Satellite Jammer**
- **Bomb Jammer**
- **Universal Broadband Jammer**
- **Thuraya Jammer**
- **Inmarsat Jammer**

Communication Jammer SAJ 1010 | Al Thuraya | Inmarsat | GSM | VHF | UHF | CDMA

http://jammer.at-communication.com/en/secure/saj_1010.html