



Features

- Customised frequency bands from HF to SHF
- Plug-in frequency modules
- Medium power output up to 25 W
- Optional model with custom jamming waveforms or frequency ranges
- Simple operation
- Rugged, watertight construction according to MIL-STD 810-F and IP-67
- High performance
- Compact size
- Man-pack versions

The SAJ-1010C 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 whenever so 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 integrated EW system. A specific technique is exploited for jamming frequency-hopping systems or spread spectrum systems. Up to four 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 organised crime to preventive measures for neutralising remotely-activated explosives associated with assassination attempts.

The signal radiated by an SAJ-1010S unit jams remotely controlled fuses/receivers, preventing execution of coded command 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 having 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 or by the 230 VAC mains.

Technical Data: Quad-band Jammer

Wireless Systems:	To be defined
Frequency range:	Band 1: To be defined Band 2: To be defined Band 3: To be defined Band 4: To be defined Single band or simultaneous quad-band operation.
Blocking range:	Jamming area is influenced by the frequency and 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:	10 to 36 VDC, external
Environmental Specs:	MIL-STD-810F, DO-160F Temperature -20°C to +55°C Shock 25 g / 6 ms Vibration 10 to 50 Hz, 0.015 g ² /Hz Humidity 95 % (+60°C) Tightness IP-67, dust-, sand- and waterproof up to 1 m Colour According to NATO (RAL-6031F9) with IR protection
Dimensions:	320 x 250 x 110 mm
Weight:	approx. 5.5 kg
Options:	<ul style="list-style-type: none">- Customised frequency bands- Special jamming modes- Remote control box, MRC-01- Remote control via protected radio channel- High gain directional antennas- Power supply: 24/28/48VDC, 115VAC/400Hz, 230VAC/50Hz- External Battery case with integrated charger
Ordering numbers:	SAJ-1010C 1010.04.02-01
Content:	<ul style="list-style-type: none">- Quad-band jammer- Antenna set- Cable set- Manual

Related Products:	<ul style="list-style-type: none">- Customised IED Jammer- Universal Digital Broadband Jammer for ECM/COMJAM- Air-borne jammer according to DO-160F- GPS-Jammer
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