

COMPACT UHF GENERATORS



PC adapter for generator remote control



Compact Ka-band generator

Areas of Application

These signal generators produce UHF oscillations within X-, Ku-, and Ka- frequency bands

Specification

Параметр	HSG-X	HSG-Ku	HSG-Ka
Frequency range, GHz	8–9.5	16–19	34.5–37.5
Frequency tuning step, MHz	2	5	10
Output power, dBm	>50	>50	>10
Output power adjustment step, dB	0.5	—	—
Modulation	AM	—	—
Modulation depth, dB	>40	—	—
Modulation frequency range, kHz	0.4–400	—	—
Power supply, DC, V	8–33	—	—
Power consumption, W	7	—	—
Built-in local control	<i>Keyboard + OLED display</i>		
Wireless remote control (optional), m	>500	—	—
Dimensions, mm	150 × 100 × 50	—	—
Weight, kg	<0.5	—	—
Operation temperatures range, °C	-20...+50	—	—
RF interface	SMA	SMA	WR-28

Advantages

Suitable for long-term unattended use in lab or field conditions; lightweight and compact; can be powered from 8–33 V DC power supply or from battery; equipped with built-in controls and wireless ZigBee interface for remote control; rain protection

Stage of Development.

Suggestions for Commercialization

IRL8, TRL7

Manufacture, delivery, warranty service, and staff training, upon request

IPR Protection

IPR1

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