

Analog RF Signal Generator 100KHz ~ 150MHz

MAG 450



Features:

- Advanced Circuit design with imported components ensure minimum accuracy deviation
- Signal Frequency: 100KHz~150MHz, 3 harmonic up to 450MHz
- Output Waveform: Sine and Amplitude modulation wave
- RF/AM output, max, intensity $\geq 10V$ p-p
- External modulation signal can be set between 50Hz~20KHz

Technical Specifications

Frequency Range	A : 100KHz ~ 300KHz B : 300KHz ~ 1MHz C : 1MHz ~ 3.2MHz D : 3MHz ~ 10MHz E : 10MHz ~ 35MHz F : 32MHz ~ 150MHz	Output impedance	600ohms
Frequency Range	100KHz~150MHz (3 harmonic wave up to 450MHz)	Radio Frequency	Over 100mVrms (when frequency ≤ 35 MHz)
Frequency accuracy	$\pm 3\%$	Level control	1mV~100mV
Output waveform	RF/AM signal waveform	Internal modulation	1KHz $\pm 2\%$ > 2Vrms output
		External modulation	50Hz~20KHz for any setting
		Power supply	230V $\pm 10\%$, 50Hz
		Dimension	128 (W) x 190 (H) x 239 (D) mm
		Weight	3Kg Approx.

Digital RF Signal Generator 100KHz~150MHz (with Frequency Counter 100MHz)

SG 4162 AD



Features:

- Signal generator frequency range 100KHz~150MHz
- 8 digit LED display for internal and external frequency
- Built in frequency meter, measuring external signal range 10Hz~100MHz
- Internal and external modulation
- Sine waveform output and amplitude adjustable

Technical Specifications

Frequency Range	A: 100KHz ~ 300KHz B: 300KHz ~ 1MHz C: 1MHz ~ 3.2MHz D: 3MHz ~ 10MHz E: 10MHz ~ 35MHz F: 32MHz ~ 150MHz 3 rd harmonic up to 450MHz	Audio output	1KHz (fixed), Min 1Vrms
Frequency accuracy	\pm Resolution ± 1 digit	Frequency Meter	
RF output amplitude	100mVrms (at 35MHz)	Frequency Range	Low frequency: 10Hz~10MHz High frequency: 10MHz~100MHz
Amplitude Control	0dB/20dB and fine tune	Input voltage	Less than 50mV
Modulation	INT. 1KHz EXT. 50Hz~20KHz (at < 1Vrms)	Max. Input voltage	Approx. less than 3Vrms
		Accuracy	Low frequency 1Hz/ High frequency 10Hz
		Input impedance	Low frequency 1Mohm/ High frequency 50ohms
		Power supply	230V $\pm 10\%$, 50Hz
		Dimension	310 (W) x 230 (H) x 90 (D) mm
		Weight	3Kg Approx.