



## Amitec Microwave Signal Generator MSG10

Amitec Model MSG10 Microwave Signal generator is a modular source designed using the state of the art technology for testing of equipment in 1 GHz to 18 GHz band. It consists of individual L, S, C, J, X, Ku and K Band Signal Sources. Hence several such instruments will cover 1-18 GHz band in octave bandwidths. This results in lower cost and user can procure only the desired frequency bands.

The output signal can be frequency and amplitude modulated with internal and external signals. The frequency of output signal can be adjusted continuously with coarse and fine control and displayed on a LCD. Very low leakage enhances the usable low amplitude signal range and low harmonic contents puts it in a higher class of sources for EMI EMC compliance.

### Amitec MSG10 Features:

- \* FM/AM Internal/ External Facility
- \* Frequency Coverage from 1GHz to 18GHz in 6 instruments
- \* Digital frequency Readout
- \* Very Low Cost
- \* Research/Education/EMI/EMC usage
- \* Very low leakage and harmonics
- \* AM/FM for communication usage

### Amitec MSG10 Technical Specifications:

Model	Frequency Band
RFS10	: 10 Mhz- 1.1 Ghz on fundamental
MSG10L L	: 1-2GHz on fundamental
MSG10S S	: 2-4GHz on fundamental
MSG10C C	: 4-6GHz on fundamental
MSG10J J	: 6-8 GHz on fundamental
MSG10X X	: 8-12GHz on fundamental
MSG10Ku Ku	: 12-18GHz fundamental
MSG10K K	: 18-26GHz fundamental

#### Common Features

Freq. Indication	: LCD readout
RF output	: 0 dBm
Attenuator	: external
Impedance	: 50 Ohms nominal
AM	: For use with VSWR meter
FM	: 0 to 5MHz deviation
Modulation	: 1 KHz internal/External
Power Supply	: 220V $\pm$ 10% 50 Hz AC
Accessories	: SMA-SMA Cable, N-SMA Adapter, Attenuator 20dB

[E-Manual: Installation Video for ease of Learning](#)