

S1103 Series Synthesized Signal Generators



S1103 is a series of microwave synthesized signal generators with top-level performance. Integrated with a dual-channel internal modulation signal generator and pulse generator, S1103 can also provide AM, FM, ØM and pulse modulation.

S1103 is designed for comprehensive performance evaluation of electronic systems. Meanwhile, it can also be used as a local oscillator for transmitters and receivers. S1103 is widely used in aviation, spaceflight, radar, communication, navigation equipment etc.

Key Features

- Wide frequency range.
- High quality , Low phase noise signal.
- High dynamic range, precise power output
- Compatible with SAV82406 series frequency extender to extend output frequency up to 500GHz

Typical Applications

- Comprehensive Performance Evaluation on Electronic System
- Test on High-performance Receiver
- Local Oscillator Substitution

Specifications				
	S1103A	S1103B	S1103C	S1103D
Frequency Range	250kHz - 20GHz	250kHz - 40GHz	250kHz - 50GHz	250kHz - 67GHz
Frequency Resolution	0.001Hz			
Output Power	-20dBm -13dBm	-20dBm -10dBm	-20dBm - 6dBm	-20dBm - 6dBm
Output Power with Programmable step attenuator (Optional)	-120dBm -11dBm	-120dBm - 8dBm	-90dBm - 3dBm	-90dBm - 3dBm
Single Sideband Phase Noise @1GHz(10kHz offset)	-130dBc/Hz	-130dBc/Hz	-130dBc/Hz	-130dBc/Hz
General				
Dimension	Standard: 426×133×510mm (without handles, feed pad and feed)			
	Max. 482×152×582mm			
Weight	Approx. 20Kg			
Operating Temp.	0- +40°C			
Max.Power	300W			
Power Supply	220V AC			