

TFG3860 RF Signal Generator



Features

- Frequency range: 9 kHz~6.5 GHz
- 0.01 Hz frequency resolution
- Maximum output level from -130 dBm to +20 dBm
- Level accuracy: ≤ 0.5 dB(typ.)
- Phase noise: < -110 dBc/Hz @20 kHz(typ.)
- Provides AM, FM, Φ M and Pulse modulation function (on/off ratio up to 70 dBc)
- 7 inch TFT capacitive touch screen
- Standard interfaces including USB Host, USB Device, LAN

Specification

Frequency		
Range		9 kHz ~ 6.5 GHz
Resolution		0.01Hz
Spectral Purity		
SSB Phase Noise (CW mode, carrier offset=20 kHz, 1 Hz bandwidth)	100 kHz $\leq$ f $\leq$ 1.6 GHz	< -110 dBc/Hz (typ.)
	1.6 GHz $\leq$ f $\leq$ 3.6 GHz	< -107 dBc/Hz
	3.6 GHz $\leq$ f $\leq$ 6.5 GHz	< -105 dBc/Hz (typ.)
Harmonic		< -30 dBc
Spurious		< -55 dBc
Level		
Output level range		-120 dBm~+13 dBm
Resolution		0.01 dB
Absolute Level Uncertainty		≤ 0.7 dB(typ.)
Internal Modulation Generator (LF)		
Waveform		Sine/Square
Frequency Range	Sine	DC~200kHz
	Square	DC~20kHz
Frequency Resolution		0.01Hz
Voltage Range	AC	0~3 V
	DC	-3 V~3 V
Voltage Resolution		2 mV
Sweep		
Function		Frequency Sweep, Level Sweep
Sweep type		Step sweep(equally spaced level steps)
		List sweep(list with arbitrary level steps)
Sweep mode		Single, continuous
Sweep range		Full frequency range, Full level range
Modulation		
Type		AM, FM, Φ M, Pulse Mod
General Characteristics		
Power		AC 100 V~240 V, 50/60 Hz(1 $\pm$ 10%), 60 VA
Dimension & Weight		364*154*388mm, 8kg

Standard Accessories

- Power Cord: 1
- N-BNC Connector: 1
- CD (Software+User's Guide): 1



Power Cord



N-BNC Connector



CD