

GRF-1300A Specifications

The specifications apply when the GRF-1300A is powered on for at least 30 minutes under +20°C~+30°C.

Function	Item	Specification
Base Band	Waveforms	Sine, Square, Triangle
	Frequency Range	0.1~3MHz , Step : 10kHz
	Amplitude	$\geq 1.5\text{Vpp}$ $\geq 0.75\text{Vpp}$ into 50 Ohm
	Harmonic Distortion	$\leq -30\text{dBc}$
RF / FM Analysis	Frequency Accuracy	$\pm 0.15\text{MHz}$
	Adjustable Range	$\geq 45\text{MHz}$ (870M ~ 920MHz) , Step : 1MHz
	Power Range	$\geq -15\text{dBm}$
FM	Max Frequency Deviation	$> 3\text{MHz}$
AM	Peak Difference	$\geq -18\text{dBm}$
Mixer	LO + IF	$\geq -35\text{dBm}$
	LO - IF	$\geq -35\text{dBm}$
Mixer + modulation		$\geq -60\text{dBm}$
Bandpass Filter	Frequency Centre: 2.4GHz	Bandwidth: $\pm 20\text{MHz}$
Interface	USB Device	USB Type B
Dimensions & Weight	165(W)*155(H)*90(D)mm, Approx. 1.2kg	