

Technical Requirements for Analog Signal Generator

1. [Frequency Range : 9 kHz to 1 GHz](#)
2. [Modulation Function : AM, FM, Phase modulation, Narrow pulse modulation](#)
3. Frequency Resolution : 0.001 Hz (0.01 Hz for all sweep modes)
4. Frequency aging rate : ± 1 ppm/year
5. Temperature effects : ± 1 ppm/year from 0 to 55°C
6. Output Power Range : -144 dBm to + 18 dBm
7. Output Resolution : 0.01 dB
8. Output VSWR : 1.35:1 @ ≤ 1.0 GHz(attenuator : 0 to 10 dB)
9. Harmonics : -35 dBc (1 GHz)
10. Sweep Points : 2 to 65535 (step sweep), 1 to 3201(list sweep)
11. Dwell Time : 100 us to 100s
12. Pulse rise/fall time : 10 ns
13. RF Output : Type-N female, 50 ohms
14. Interface : GPIB, USB, LAN
15. [Warranty : 5 years](#)