

Comb Generator 1313-C250M18G



Features

- > Rapid, Predictive Site Validation
- > Wide Frequency Range
1GHz to 18 GHz
- > Battery Operated - Extended Battery Life
Operates > 5 Hours Per Charge
- > Stable RF Output
- > Three-Year Warranty

Description

The 1313-C250M18G comb generator is a radiation reference signal source with a frequency range of 1 GHz to 18 GHz at 250 MHz intervals. The utility model has the advantages of compact structure, light weight and convenient operation. The comb generator is equipped with an integrated biconical antenna up to 18 GHz.

The 1313-C250M18G is designed to operate on battery power in order to reduce the potential for unwanted reflections caused by external cabling. When fully charged, the internal battery pack allows for continuous operation of the Comb Generator for up to 5 hours.

Using a comb generator, routine on-site inspections can be performed in just a few minutes by reading several selected output frequencies of 1313-C250M18G and comparing the readings with reference data.

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Specifications

All specifications are subject to change without notice.
 All values are typical, unless specified.

Intended Application	Radiated Reference Signal Source (for OATS, SAC, FAC, etc.)
Frequency Range	1 GHz to 18 GHz
Frequency Step Size	250 MHz
Frequency Stability	20 ppm
Amplitude Stability	± 0.1 dB
Time Stability	<1 dB over 12 Months
Charging Adapter Output	12 VDC
Battery Type	7.4V Li-On, 1500 mAh
Battery Operation	>5 Hours Typical (Fully-charged Battery)
External LED Indicators	Battery Level, Power On
Antenna Type	Biconical Antenna
Generator Dimensions	12 cm x 12 cm x 11 cm
Weight	0.6 kg

Typical Radiated Output at 3-meter Distance

