CG 50/500

Conducted Comb Generator

- Frequency Range: 50kHz-30MHz
- Frequency step:50kHz/500kHz switchable

EMC Instruments corporation

Sales Partner:

ABSOLUTE EMC

ABSOLUTE *EMC* Llc.
Covering sales in North America
United States, Mexico, & Canada

absolute-emc.com
Phone:703-774-7505
info@absolute-emc.com

承儀電子股份有限公司
EMC Instruments corporation

Conducted Comb Generator 50/500

Features

- Frequency Range: 50kHz-30MHz
- Frequency step: 50kHz/500kHz switchable

Description

The CG50/500 Conducted Comb Generators are reference signal sources for testing Line Impedance Stabilization Networks (LISN).

CG50/500 output has the harmonics of the fundamental frequency specified by the step size.Has two switchable frequency step sizes the 50 kHz and 500kHz frequency steps.

This allows checks and investigations on conducted measurement systems to be made, for example using a LISN or RJ11,RJ45 standard connectors for conducted measurements using an ISN.

CG 50/500 have high impedance to external AC or DC line voltage up to 230 V. This feature allows the Comb Generator to be used while the LISNs are connected to external power source.

CG50/500 is powered by a rechargeable internal battery and external power cable connection.

When fully charged, the battery allows continuous operation of up to 16 hours. The Conducted Comb Generator includeds a battery charger ,USB cable accessories that are shipped in a wooden storage box.

Application

The main application of Conducted Comb Generator is to quickly verify conducted emissions test setups. And the most important application is troubleshooting conducted measurements using an ISN.

With the Conducted Comb Generator, the test engineer will be able to perform a quick verification of the conducted test setup more frequently to assure accurate test results.

Other possible applications of the CG50/500 Conducted Comb Generator could include, production evaluation of components,such as cable shields and filters.

Sales Partner:

ABSOLUTE EMC

ABSOLUTE *EMC* Llc.
Covering sales in North America
United States, Mexico, & Canada

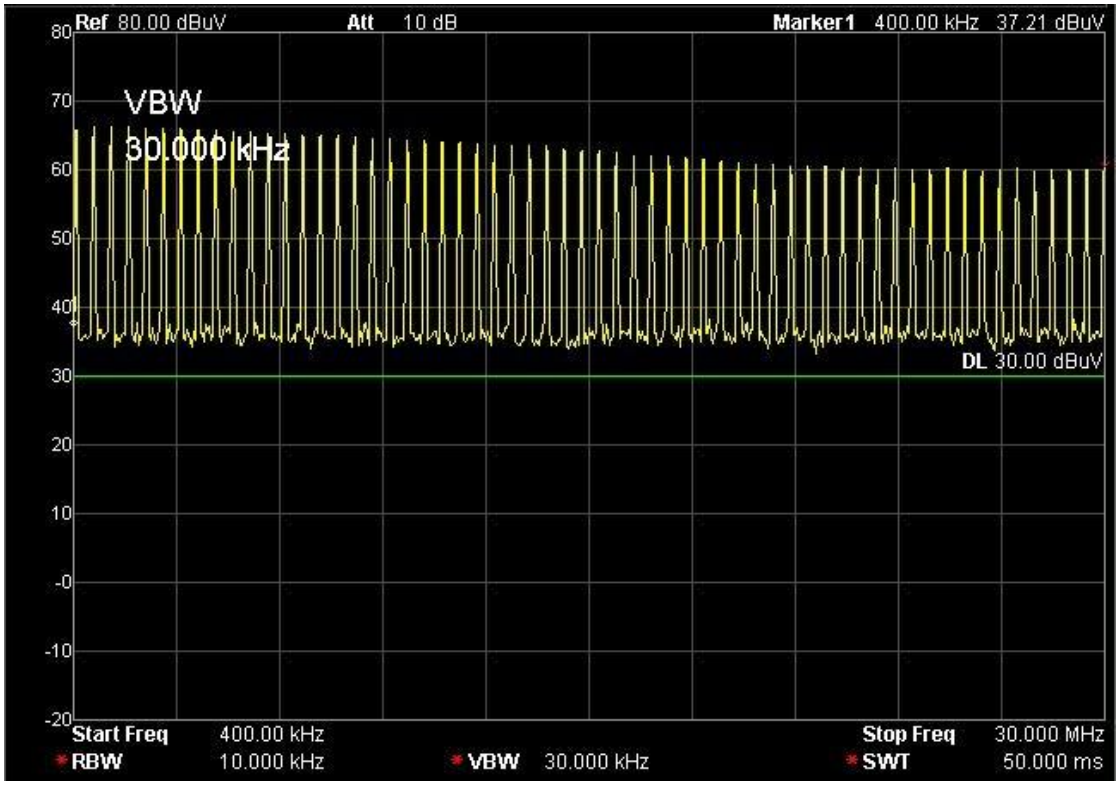
absolute-emc.com
Phone:703-774-7505
info@absolute-emc.com

Specification

Frequency Range	**50kHz - 30MHz**
Frequency Step	**50kHz/500kHz switchable**
Charging time	**8-10 Hours**
Usage time	**16 Hours**
Size	**120mm(W)*82mm(D)*85mm(H)**
Net Weight	**1.1Kg**

LISN (RBW＝10kHz　VBW=30kHz)

ISN of RJ45(RBW=10kHz VBW=30kHz)



ISN of RJ11(RBW=10Khz VBW=30kHz