

Made in



Italy

MOD. CNG 70 USB

USB HIGH POWER WHITE NOISE GENERATOR (4 - 2.500 MHz)

The CNG 70 USB is the smallest noise generator currently available on the market.

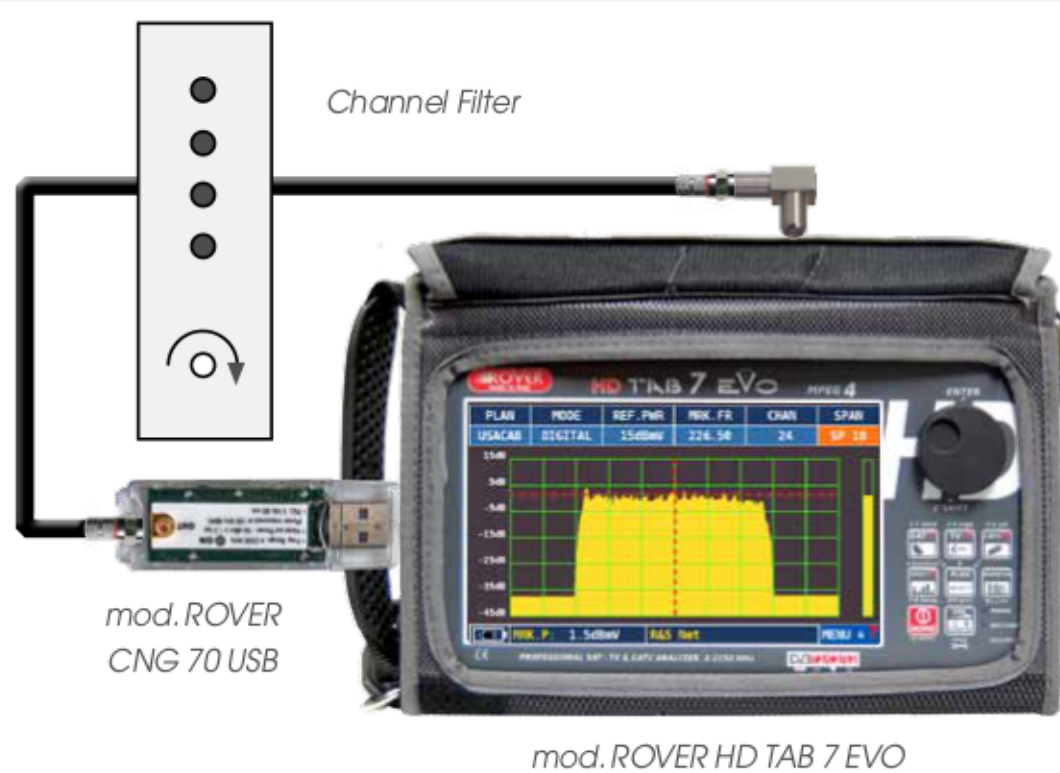
The range of frequencies, from 4 to 2,500 MHz, allows to carry out tests of passive networks in coaxial cable, even large.

You can measure the C / N ratio, the measurement and analysis of amplifiers or CATV networks.

Moreover, its use allows you to calibrate channel filters or check the characteristics of filters LTE. The CNG 70 USB can be used with any meter or spectrum analyzer, even from other brands, connected to an external USB



How to connect the CNG 70 USB to a channel filter:



power supply from 5V, or with batteries of the same voltage by connecting it to the USB output of a common Power Bank.

The calibration of FILTER and / or TRAPS

To calibrate a channel filters or traps using CNG 70 USB generator is necessary to connect the device under TEST in series with the RF cable and verify on the Spectrum of the meter the correct response curve.

Use as REFLECTOMETER

Combined with APP REFLECTOMETER available for ROVER HD Series meters, the CNG 70 USB allows you to check the correct fit of a distribution network TV-SAT at 75 Ohm.

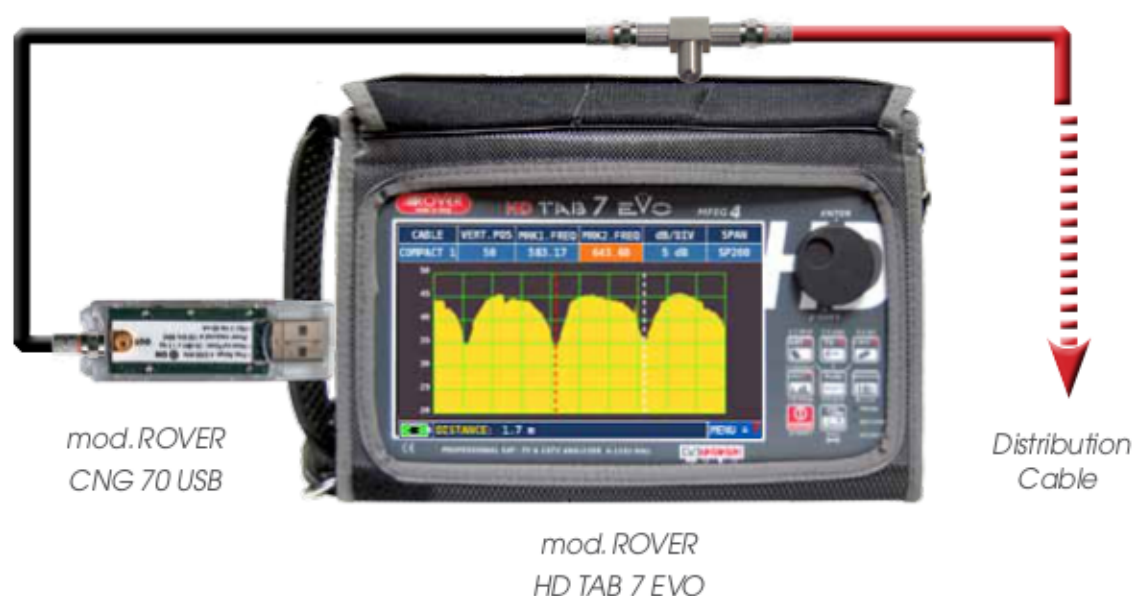
Through a T-connector, you can check the presence or absence of mismatch.

When the distribution will be perfectly paired the instruments show, in spectrum mode, only the noise calibrated.

Conversely, if there were a mismatch caused, for example by a cable in short circuit, broken or not properly terminated with a 75 Ohm load, on the spectrum of the Instrument will create a standing wave.

The navigation menu of the instrument, through the two markers, allows you to select the two null, obtaining at the bottom left of the display the exact distance of the interruption of the cable.

How to connect the CNG 70 USB to a distribution network:



CNG 70 USB: CHARACTERISTICS

Frequency range	4 ÷ 2.500 MHz
Noise type	Gaussian White
ENR	70 dB, 75 Ohm, 25°C
Power Output	- 56 dBm*
Flatness	1,5 dB typ, 2 max
Impedance	75 Ohm, SMB, 50 Ohm opt.
Supply	USB, 5Vc.c., 70 mA
Format	Stick USB