

RP-250 MULTICARRIER GENERATOR

The pilot generator RP-250 is an instrument designed to verify coaxial networks and associated devices. It is an ideal test instrument to generate reference signals in order to equalise frequency bands being suitable for downlink channels, return path frequency band, digital TV antenna installations, cable TV, ISM band (Wireless Bluetooth) and satellite TV.

A local area network connector also is available in order to integrate it in the quality management monitoring systems.



Full band

Being able to provide up to eight continuous wave (CW) signals in the frequency band from 5 to 2500 MHz. This allows to carry out a checking in full lines or line sections and operative devices as much in the downlink band as in the return path, TV, IF satellite and WI-FI signal distribution paths.

Harmonics low level

The output level is selectable from 30 to 50 dBmV and independently for each carrier. It is an ideal instrument as much for commissioning new lines as for testing already operative networks.

A local area network connector also is available, additionally; it includes

a WEB server to remotely control the instrument and the possibility of developing SNMP protocols in order to be integrated in monitoring systems for quality assuring tasks.

This instrument allows to make automatic measurements to equalise the IF band installation, whenever is used in combination with analysers which performs this function.

The instrument is powered by means of an internal rechargeable battery or directly through the mains, being suitable as equipment for field works.

Specifications

- Carrier frequency range, from 5 to 2500 MHz (3 in UHF and VHF band), (3 in SAT band), (1 in sub band from 5 to 100 MHz) and (1 in ISM band)
- Resolution 10 kHz
- Carrier level from 90 to 110 dBµV
- Level resolution 1 dB
- Level accuracy ± 2 dB
- Impedance 75 Ω .
- Flatness 1 dB
- Communications. RS-232C and ETHERNET
- HTTP and SNMP Protocols