

Product information: Vers 1A, issue October 2015

RTG-02A is CW type wideband signal generator intended for cable network technicians. RTG-generator provides for extremely wide frequency range 35-4400MHz in one small compact box.

GENERAL DESCRIPTION

Portable signal generator RTG-02A is intended for measurement applications in cable networks. RTG-02A is equipped with two 31.5dB digital attenuators. Sweep function is available. Control of all functions implemented in easy user interface based on LCD and three push buttons.



KEY FEATURES

- Wideband
- High level output
- Compact and hand-held
- Aluminium casing
- Large LCD with switched back-light
- Replaceable batteries

APPLICATION AREAS

- VHF/UHF
- FM-radio
- CATV-networks
- GPS
- LTE/UMTS/EGSM
- WLAN/WMAX
- TETRA

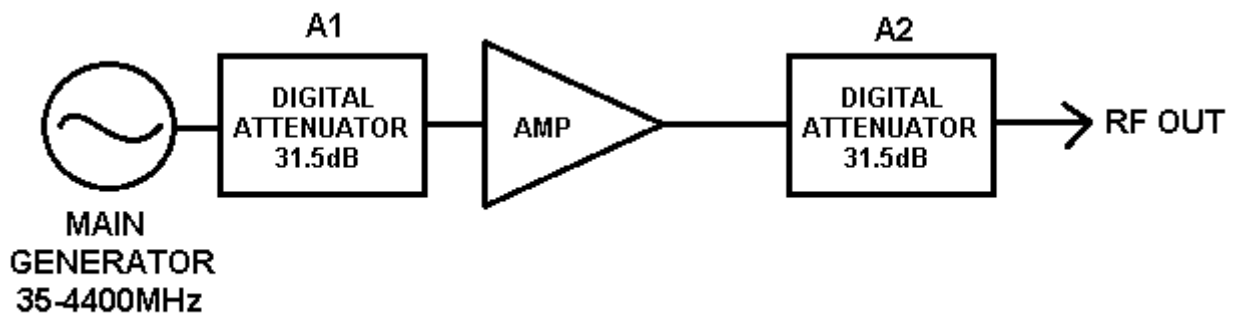
RF SPECIFICATIONS

Parameter	Specification	Unit
Main frequency range (RF OUT)	35-4400	MHz
Type of main generator	sinus, CW	-
Maximum output power in main range	9.0 @ 35MHz 8.0 @ 500MHz 7.4 @ 1000MHz 7.3 @ 2000MHz 9.3 @ 3000MHz 2.6 @ 4400MHz	dBm
Main generator flatness	±1 @ 35-3000MHz ±3 @ 35-4400MHz	dB
Output RF impedance	50	Ohm

Parameter	Specification	Unit
Digital attenuator A1 range	31.5	dB
Digital attenuator A2 range	31.5	dB
Digital attenuator step (A1 or A2)	0.5	dB
Sweep function range	35-4400	MHz
Sweep function step/duration	1/10	MHz/ms

MECHANICAL SPECIFICATIONS

Parameter	Specification	Unit
Batteries	2xAA	-
Current consumption without LCD backlight	310	mA
Current consumption with LCD backlight	340	mA
RF connector	N-female	-
Dimensions	70x155x25	mm



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