



APPLIED INSTRUMENTS, INC.

RF TEST AND MEASUREMENT

5112 RF Carriers for Alignment and Testing

The 5112 is a portable RF signal generator, available in configurations with one to six carriers. Each carrier can be activated individually or simultaneously.

The 5112 generates CW carriers that are extremely clean and stable, making it ideal for testing and aligning CATV forward and return paths, as well as commercial and institutional networks.



Multi-Carrier Signal Generator Model 5112 (5-1200 MHz)



Model 5112
(Model 5112 shown above with optional carrying case)

"Reliability through Simplicity"

FEATURES

- Field portable, compact, rugged design
- Strong, rechargeable internal battery
- Adjustable carrier output level
- Carriers can be activated individually or simultaneously
- Each carrier's frequency and amplitude is very stable and precise
- Output is spectrally clean

STANDARD ACCESSORIES

- User operation manual
- AC power line cord

OPTIONAL ACCESSORIES

- Padded carrying case with shoulder strap

ORDERING INFORMATION

- Specify the desired number of carriers (from 1 to 6)
- Specify the desired frequency (MHz) for each carrier
- Indicate whether or not the padded carrying case option is to be included

Feel free to contact us for any special requests.

SPECIFICATIONS

RF Carrier Type	Fixed frequency, crystal controlled, Continuous Wave (CW)
Frequency Range	5 to 1200 MHz (customer specifies at time of order)
Frequency Accuracy	greater of 0.01% or 1.0 kHz

	Frequency (MHz)		
Max output level (dBmV)	5-860	861-1000	1001-1200
1 to 2 carriers	+59	+57	+55
3 to 4 carriers	+55	+53	+51
5 to 6 carriers	+52	+50	+48

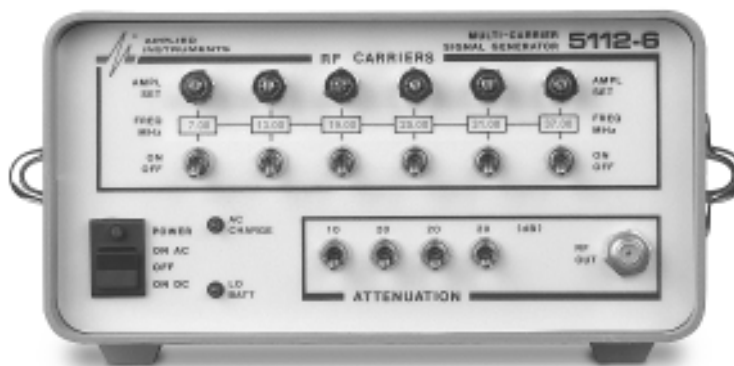
Output Level Adjustment

Front Panel Potentiometer.....	13 dB (each carrier)
Front Panel Controlled Attenuator (Optional).....	0 to 70 dB in 10 & 20 dB steps (all carriers)
Amplitude Stability.....	± 0.5 dB/setting
Spectral Purity	at least -60 dBc std. (>-70 dBc avail.)
Output Impedance.....	75Ω
Operating Temperature Range	0 °F to 120 °F (-18 °C to +50 °C)
Power AC	120/240 V, 60/50 Hz
Power DC	Internal Rechargeable NiCd Battery
Operation Time per Charge	>12 hours continuous

Time Required to Recharge Battery.....	± 12 Hours
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Enclosure Type, Size, Weight	Aluminum, 7.4"W x 4"H x 10"D, 8lbs. (18.4cm) x (10.2cm) x (25.4cm), 3.63kg
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Specifications subject to change without notice.



FRONT



BACK

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