

## PC-1 RF Carrier for Testing and Calibrating

The PC-1 is a handheld RF signal generator. It generates one CW carrier that is extremely clean and stable. The PC-1 is popular with CATV installers and service technicians who activate and test the return path. It is also handy for measuring insertion loss of cable, splitters, taps and more when used in conjunction with a signal level meter or spectrum analyzer. Because of its excellent frequency and amplitude accuracy, the PC-1 is great for calibrating signal level meters and spectrum analyzers.

# One-Carrier Signal Generator Model PC-1



*"Reliability through Simplicity"*



ACTUAL SIZE

## FEATURES

- Cost effective
- Compact and convenient handheld design
- Padded carrying case with belt clip and spare battery
- Field replaceable "F" connector
- Carrier frequency and amplitude are very stable and precise
- Output is spectrally clean
- Carrier drops out with low battery (no sagging)

## STANDARD ACCESSORIES

- Padded carrying case with belt clip
- Spare 9V battery

## ORDERING INFORMATION

- Specify the desired carrier frequency (MHz).
- VISA, MasterCard, Amex, Discover accepted

Feel free to contact us for any special requests.

## SPECIFICATIONS

RF Carrier Type .....	Fixed frequency, crystal controlled, Continuous Wave (CW)
Frequency Range .....	5 to 180 MHz (customer specifies at time of order)
Frequency Accuracy .....	greater of 0.01% or 1.0 kHz
Amplitude Output Level .....	+50 dBmV (110 dBuV) standard (lower output levels available)
Amplitude Stability .....	±0.2 dB
Spectral Purity .....	at least -60 dBc
Output Impedance .....	75Ω
Operating Temperature Range ..	0°F to 120°F (-18°C to +50°C)
Power DC .....	9V alkaline battery
Operation Time per Battery .....	approximately 100 hours continuous
Low Battery Indicator .....	LED flashes during last 10% of battery life
Low Battery Cutoff .....	Turns off carrier when battery power is insufficient
Enclosure Type, Size, Weight ....	ABS Plastic, 2.4"W x 4.7"H x 0.9"D, 4 oz. (6.1cm) x (11.9cm) x (2.3cm), 113 g

Specifications subject to change without notice.

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