

RETURN PATH TESTER

Model RT100

Three Carrier Signal Generator



- **Troubleshoot High Modem Levels**
- **Inexpensive and Easy to Use**
- **Qualify Home Wiring**
Upstream & Downstream Test Carriers
- **Verify All System Components**
Cable, Splitters, Taps, Attenuators & Amplifiers
- **Small and Light Weight**

Product Description

RT100 is a portable three-frequency signal generator that can be used for a wide variety of testing and troubleshooting applications. Used in conjunction with a Signal Level Meter, the gain or loss of any system component can be quickly measured. Multiple carriers allow testing in both the upstream and downstream paths. RT100 can be used to test and balance return amplifiers or to test and troubleshoot home wiring. In cases of high modem output levels (or inability to lock) the modem can be replaced by the RT100. Next, signal level measurements are made at each connection point heading back upstream until the source of low gain is identified. Once the problem is fixed, the modem is reconnected and tested to verify normal transmit levels.

Specifications

STANDARD FREQUENCIES
8 MHz. (Return / Upstream)
34 MHz. (Return / Upstream)
60 MHz. (Forward / Downstream)
(contact Sadelco for custom frequencies)

OUTPUT LEVEL
45.0 dBmV +/- 0.5dB

RETURN LOSS
> 14dB

SPURIOUS SUPPRESSION
> 50dB

POWER SUPPLY
Two AA Batteries (user replaceable)

BATTERY RUNTIME
16 hour continuous use

DIMENSIONS
L = 5.25" W = 2.75" D = 1.0"

WEIGHT
6 OZ. (with batteries)

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