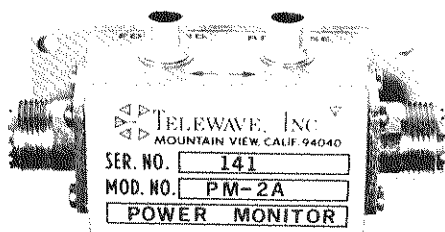
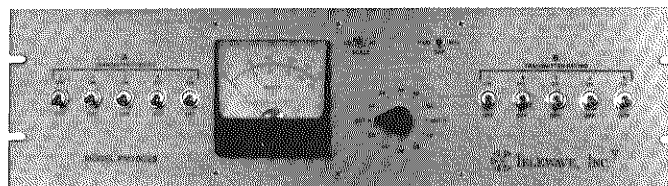


30 – 960 MHz

R.F. Power Monitoring



PM-2A



PM10C2S

A new RF power monitoring system simplifies procedures for monitoring the output of transmitters and the condition of the transmission lines and antennas. Once installed in the line, the PM2 monitor allows plug-in of any standard test set with a 50 uA meter.

Two models are available: the PM1 is a single direction RF power monitor. The PM2 is for dual directional RF power monitoring. Because it can be made a permanent part of the transmission line, continuous monitoring of forward and reflected power is easily accomplished. Each unit has an internal trimmer for field calibration of any desired forward or reflected power up to 1000 watts. Works on all frequencies from 30 MHz to 960 MHz. Insertion loss: 0.1 dB. VSWR 1.1 to 1.

All power monitors are shipped standard with type N connectors. UHF connectors or special configurations available upon request.

When used in conjunction with the PM10C2S remote transmitter keying and wattmeter panel (mounted on a standard 19" panel), checking out a transmitter system is greatly simplified. Connection for 10 remote transmitter keying switches are provided by the PM10C2S. A simple 2 wire hook-up (RF shielded or twisted pairs) from the keying circuit of each transmitter to the screw terminals located on the rear of the wattmeter panel completes the connections. A floating ground for each keyer is provided for the transmitters requiring such a circuit.

The technician merely keys each transmitter in turn directly from the wattmeter panel and observes the readings of antenna power and forward/reflected transmitter power. All readings are selected by a convenient rotary switch and single forward/reflected toggle switch. Since a simple turn of the switch quickly shows all measurements, keeping time consuming records of measurements is not necessary.

Telewave, Inc.

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