

5512 Series Telewave Wattmeter

- Requires No Inserts
- No Bandswitching
- Five Power Ranges
- Measures 5 to 500 Watts
- Measures Forward & Reflected Power



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DESCRIPTION:

The 5512 Series Wattmeter is a compact versatile instrument used for direct measurement of forward and reflected radio frequency power. Due to the wide band capability and dynamic range, this instrument does not require the use of any inserts or band switching.

This wide band instrument covers the frequency of 20 to 1000 MHz with a power range of 5 to 500 Watts. The meter movement can be turned off for rough handling when not in use. A leather carrying strap is provided to facilitate portability.

The Model 5512-02 option, provides a RF sampling port with an output 40 dB below the transmission line level to use for measurement of frequency or spectrum analysis. It has been designed to accurately extract a low

level of RF power as it passes through the instrument.

SPECIFICATIONS:

Full Scale Power Ranges 5, 15, 50, 150, and 500 Watts

Frequency Range 20 to 1000 MHz

Accuracy (Specified with N connectors only)

20 MHz to 150 MHz $\pm 6\%$ of full scale after correction

150 MHz to 1000 MHz $\pm 6\%$ of full scale

Primary Line Impedance. 50 ohms nominal

VSWR. 1.1 maximum

Insertion Loss 0.1 dB maximum

RF Sampling Port (Model 5512-02) . . -40 dB, ± 2 dB

Enclosure Shock mounted in a rugged die-cast housing

Dimensions 6.63 x 4 x 3.25 in (16.84 x 10.2 x 8.26 cm) (H x W x D)

Weight 3 lbs (1.36 kg)

ORDERING GUIDE:

Model 5512-00. Wattmeter, 20 to 1000 MHz, 50 Ohm Includes: 15 W dummy load, Adapters, and 6 ft (182.9 cm) RG58 Antenna Cable.

Model 5512-02. Wattmeter, 25 to 1000 MHz, 50 Ohm Includes: 15 W dummy load, Adapters, 6 ft (182.9 cm) RG58 Antenna Cable, and 40 dB Sampling Port.

OPTIONS/SPARE PARTS:

Model 5512-01. Carrying Case; Includes case for 5512 Series Wattmeter

See www.highsierraelectronics.com for more specification and ordering information

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Environmental Monitoring Solutions

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